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MONTHLY AND ANNUAL AVERAGES OF RAINFALL FOR NORTHERN IRELAND WMO PERIOD 1931-1960

by K.E. Woodley

METEOROLOGICAL OFFICE BELFAST

JUNE 1967

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MONTHLY AND ANNUAL AVERAGES OF RAINFALL FOR NORTHERN IRELAND

W.M.O. PERIOD: 1931-1960

by K. E. Woodley

Rainfall averages for the United Kingdom are for the 35-year standard period 1916-1950, but the World Meteorological Organisation (WMO) 30-year period, 1931-1960, is being reviewed by the Meteorological Office in order to provide a link, where necessary, with other European countries. For Great Britain, only those records which are complete for the 30 years are being considered, of which there are some 2,000, but for Northern Ireland the work has been done in greater detail, and the results incorporated in this Memorandum.

This analysis has served three useful purposes. First, it has permitted the use of data from a network of both long and short period stations which is considerably denser than that available for the 1916-1950 work. Second, the Meteorological Service of the Republic of Ireland has decided to adopt the WMO period 1931-1960 for official purposes and it therefore became advisable to complete a detailed series of average rainfall maps for Northern Ireland with a view, especially, to guidance of isohyets across the border and to allow for publication of rainfall maps for the whole of Ireland. Third, it has made available detailed up-to-date information in a convenient form to meet the needs of many inquirers for rainfall data.

An index lists in alphabetical order all stations for which 1931-1960 averages have been prepared: Primary Survey stations' names appear in capital letters. The monthly and annual averages of rainfall for the stations appear in TABLE 1 (sub-tabled 1.1 to 1.7), where the sequence of stations is that used in "British Rainfall". Averages are given in the inch unit (to hundredths of an inch), being the unit in which all averages were calculated, and also to the nearest whole millimetre.* Table 2 contains decadal means of annual rainfall for the Primary Survey stations together with their relationship to the average annual rainfall for the full 30-year period. This form of presentation is often sought by inquirers.

THE PRIMARY SURVEY

All station records with data complete for the 30-year period were reviewed and the observations checked for homogeneity, using the methods of the 1916-50 Survey, described in Hydrological Memorandum No.5. The network of long-period records was further improved by the inclusion of stations with data for at least 25 years where, by linking the observations with those from nearby stations, it was possible to calculate a set of approximate values for the missing months and years.

Fifty-four records were reviewed in this Primary Survey; but nine were rejected, having failed some of the fifteen tests, and transferred for consideration within the Secondary Survey.

Monthly averages from the Primary Survey stations each expressed as a percentage of the annual average for the station concerned are given in TABLE 3, and maps drawn from the data as a test of homogeneity for Primary averages. The twelve monthly maps obtained are included at the back of this Memorandum, printed on the pale blue pages.

THE SECONDARY SURVEY

All records with at least five years' data in the period 1931-1965 were considered, including those which have subsequently been terminated. The method used was that in current use in the Meteorological Office, described in Hydrological Memorandum No.5. A few stations' data were further reviewed in April 1967 when averages for certain additional stations (whose records were less than five years) were produced for special purposes. Such stations are identified either in the Index or within the Tables by footnotes. A total of 131 records were accepted under these Secondary Surveys.

Using the twelve percentage of annual Average maps used in the homogeneity test for the Primary Survey, it is possible to estimate a series of point values of percentage of annual average ($\Sigma 100$) for any given place and from these estimates to apportion the annual average for a short-period station. The Secondary Survey annual averages and the monthly apportionments are those which appear in TABLE 1, in sequence with the Primary averages.

MAPS

In addition to a key map of stations whose data appear in this Memorandum, and to a map showing the main drainage areas, twelve maps of average monthly rainfall are given, based on data from both Primary and Secondary Surveys, with a coloured base map on a scale of 1:625000 (or about 10 miles to the inch) upon which isohyets of annual average rainfall have been drawn.

ACKNOWLEDGEMENT

At all stages of the work there has been close liaison between the Meteorological Offices in Bracknell, Belfast and Dublin, and agreement has been reached on isopleths in the border area. Any slight variation in the maps produced by the two services are due to the fact that the millimetre is the unit for the Republic of Ireland, whilst the inch is, at present, the unit for Northern Ireland.

Meteorological Office, K.E.WOODLEY
Tyrone House,
Ormeau Avenue,
Belfast, 2.

*Conversion: 1 inch = 25.4 mm. Isolated adjustments have been made to monthly values to secure agreement with the annual total.

ALPHABETICAL INDEX OF STATIONS
WITH DETAILS OF SITES

TO LOCATE STATION IN AVERAGES SECTION USE R-STN. NUMBER

If an old terminated station without a new-style station number, it will be found in its correct place in the sequence within the appropriate catchment.

STATION NAME	GRID REFERENCE	ALTITUDE ft.	ALTITUDE m.	RIVER BASIN	TRIBUTARY DATA or coastal boundary limits	COUNTY No.	R-STN NUMBER	
Aghintaine Castle	iH(23) 459511	360	110	BANN	Blackwater NB - Blackwater - L.Neagh	Tyr 99	944389	A
ALDERGROVE No.1 (RAF)	iJ(33) 145801	216	66	BANN	Sixmilewater - L.Neagh	Ant 97	955823 t	
Aldergrove No.2 (Airport)	iJ(33) 147798	225	69	BANN	Sixmilewater - L.Neagh	Ant 97	955817 *	
Alderwood Waterworks	iH(23) 487462	493	150	ERNE	Colebrooke	Tyr 99	991610	
ALTABROGY BURN	iC(24) 701033	958	292	ROE	Altnaheglish - Owenrigh	Ldy 98	938986	
ALTAGARRAN MOUNTAIN	iC(24) 711012	1220	372	ROE	Glenedra - Altnaheglish - Owenrigh	Ldy 98	939028	
Altnahinch Dam	iD(34) 123230	816	249	BUSH		Ant 97	963670	
ANNAGHANOON	iJ(33) 102524	200	61	LAGAN		Dwn 96	968858 t	
Annaghmare	iH(23) 905188	384	117	CASTLETOWN		Arm 95	t	
ANNALONG VALLEY	iJ(33) 355225	426	130		Coastal (Boundary to Newry)	Dwn 96	975486	
ARMAGH	iH(23) 878458	202	62	BANN	Callan - Blackwater - L.Neagh	Arm 95	947811	
Auchnacloy S.Wks.	iH(23) 664519	148	45	BANN	Blackwater NB - Blackwater - L.Neagh	Tyr 99	945424	
Ballycarry	iJ(33) 459949	200	61		Coastal (Boundary to Woodburn)	Ant 97	967535	B
Ballycastle, Coolgreany	iD(34) 123406	90	27		Coastal (Bush to boundary)	Ant 97	965548 t	
Ballycastle, Glenowen	iD(34) 125405	82	25		Coastal (Bush to boundary)	Ant 97	965367 *	
Ballygawley Res.	iH(23) 631569	327	100	BANN	Blackwater NB - Blackwater - L.Neagh	Tyr 99	945216	
Ballykelly No.1	iC(24) 624235	6	2		Coastal (Faughan to Roe)	Ldy 98	938576 t	
Ballykelly No.2	iC(24) 624235	6	2		Coastal (Faughan to Roe)	Ldy 98	938573 *t	
Ballykelly No.3 (Turf-walled)	iC(24) 624235	6	2		Coastal (Faughan to Roe)	Ldy 98	938575 *	
Ballylane Waterworks	iH(23) 965352	470	143	BANN	Cusher	Arm 95	942279	
BALLYMENA, HARRYVILLE	iD(34) 107028	140	43	BANN	Braid - Main - L.Neagh	Ant 97	953210	
Ballysallagh Res.	iJ(33) 455785	236	72		Coastal (Lagan to Quoile)	Dwn 96	970620	
BALLYWALTER PARK (Old site)	iJ(33) 620682	41	12		Coastal (Lagan to Quoile)	Dwn 96	971341 t	
BALLYWALTER PARK (New site)	iJ(33) 623681	37	11			Dwn 96	971337 C	
Banagher Filters	iC(24) 670046	364	111	ROE	Altnaheglish - Owenrigh	Ldy 98	939061	
Bangor, Garth House Sch.	iJ(33) 494822	106	32		Coastal (Lagan to Quoile)	Dwn 96	970694 t	
Baron's Court	iH(23) 364825	295	90	FOYLE	Derg	Tyr 99	932222	
Baronscourt Forest	iH(23) 361843	290	88	FOYLE	Derg	Tyr 99	932237	
Belfast Pumping Sta.	iJ(33) 352769	17	5		Coastal (Woodburn to Lagan)	Ant 97	968133	
BELFAST, QUEEN'S UNIV.	iJ(33) 335726	57	17	LAGAN		Ant 97	970129 t	
Bellarena	iC(24) 672325	3	1		Coastal (Roe to Bann)	Ldy 98	t	
BELLEEK	iG(13) 940590	155	47	ERNE		Fer 94	998318	
Bellevue (nr.Enniskillen)	iH(23) 253410	200	61	ERNE		Fer 94	994688	
Benburb Priory	iH(23) 816522	173	53	BANN	Blackwater - L.Neagh	Tyr 99	946947	
BESSBROOK No.1	iJ(33) 051284	250	76	NEWRY		Arm 95	977342	
Bessbrook No.2	iJ(33) 051284	250	76	NEWRY		Arm 95	977343	
Breagho Bridge	iH(23) 265475	337	103	ERNE		Fer 94	995576	
Broughshane, Tullymore Ho.	iD(34) 156067	218	66	BANN	Braid - Main - L.Neagh	Ant 97	t	
Cappagh Res.	iH(23) 684675	566	173	BANN	Torrent - Blackwater - L.Neagh	Tyr 99	948633	C
Carninard Mountain	iJ(33) 313983	1140	347	BANN	Kells - Main - L.Neagh	Ant 97	953554	
Carnlea	iD(34) 074102	360	110	BANN	Clogh - Main - L.Neagh	Ant 97	952285	
Castle Archdale (Met.Office)	iH(23) 175587	225	69	ERNE		Fer 94	t	
Castle Archdale Forest	iH(23) 189593	215	66	ERNE		Fer 94	996613	
Castle Coole	iH(23) 259430	205	62	ERNE		Fer 94	994581	
Castlerock, Craighead	iC(24) 775359	50	15		Coastal (Roe to Bann)	Ldy 98	t	
Clay Lake	iH(23) 836326	605	184	BANN	Callan - Blackwater - L.Neagh	Arm 95	947356	
COLEBROOKE	iH(23) 409446	250	76	ERNE	Colebrooke	Fer 94	991723	
Coleraine, Carthall Flts.	iC(24) 829324	168	51	BANN	Macosquin	Ldy 98	962013	
COLERAINE, INGLEDENE	iC(24) 859316	55	17	BANN		Ldy 98	962727 t	
COLERAINE, THE CUTTS	iC(24) 854302	13	4	BANN		Ldy 98	962647	
Conlig Res.	iJ(33) 499786	200	61		Coastal (Lagan to Quoile)	Dwn 96	970720	
Cookstown No.1	iH(23) 813743	207	63	BANN	Killymoon - Ballinderry - L.Neagh	Tyr 99	957069	
Cookstown No.2	iH(23) 816748	253	77	BANN	Killymoon - Ballinderry - L.Neagh	Tyr 99	957071 *	
COPELAND RES.	iJ(33) 429916	420	128		Coastal (Boundary to Woodburn)	Ant 97	967764	
Craigavon (New city development)								
Portadown S.Wks. No.1	iJ(33) 019556	59	18	BANN		Arm 95	942936 4	
Portadown S.Wks. No.2 (Turf wall)	iJ(33) 019555	60	18	BANN		Arm 95	942932 *	
Lurgan Cemetery	iJ(33) 073569	180	55	BANN	L.Neagh	Arm 95	949451 *	
CREGGAN RES. No.1	iC(24) 415171	315	96		Coastal (Boundary to Foyle)	Ldy 98	925349	
Creighton's Green	iJ(33) 431789	391	119		Coastal (Lagan to Quoile)	Dwn 96	970569	
CROM CASTLE	iH(23) 356240	190	58	ERNE		Fer 94	990798	
Crossgar	iJ(33) 460524	119	36	QUOILE		Dwn 96	973505	

* Specially estimated average (less than 5 years' record)
t Station now terminated
C Continuous record (old site average adopted for new site pro tem.)
4 Portadown No.1 site overexposed (cf. No.2 site data)

GENERAL NOTES ON INDEX GIVEN ON INDEX PAGE 4.

	STATION NAME	GRID REFERENCE	ALTITUDE ft.	ALTITUDE m.	RIVER BASIN	TRIBUTARY DATA or coastal boundary limits	COUNTY No.	R-STN NUMBER
D	Deer's Meadow	iJ(33) 260257	1240	378	BANN		Dwn 96	940609
	Derrynoose Rectory	iH(23) 813375	380	116	BANN	Blackwater - L.Neagh	Arm 95	t
	Divis Mountain	iJ(33) 287751	1190	363	LAGAN		Ant 97	970314
	Dogleap House	iC(24) 679205	130	40	ROE		Ldy 98	939697
	Donaghadee, Old coastguard Sta.	iJ(33) 588803	30	9		Coastal (Lagan to Quoile)	Dwn 96	t
	Donaghadee, Craigmore	iJ(33) 569818	60	18		Coastal (Lagan to Quoile)	Dwn 96	t
	Donaghadee, New Road	iJ(33) 585803	60	18		Coastal (Lagan to Quoile)	Dwn 96	971602
	DORISLAND RES.	iJ(33) 386879	253	77		Coastal (Woodburn to Lagan)	Ant 97	967918
	Downpatrick, The Mall	iJ(33) 483444	80	24	QUOILE		Dwn 96	973718 t
	Draperstown, Ard Muiri	iH(23) 779947	258	79	BANN	Moyola - L.Neagh	Ldy 98	958510 t
	DRENAGH	iC(24) 689236	79	24	ROE		Ldy 98	940110
	DROMARA POLICE STA.	iJ(33) 289495	410	125	LAGAN		Dwn 96	968219
	Dundonald, Moyard	iJ(33) 412730	200	61		Coastal (Lagan to Quoile)	Dwn 96	971901 t
	DUNGANNON, ALOHA	iH(23) 807614	275	84	BANN	Blackwater - L.Neagh	Tyr 99	948085 t
	Dungannon Park	iH(23) 802606	240	73	BANN	Blackwater - L.Neagh	Tyr 99	947988
	Dungiven, Grianan	iC(24) 694089	330	101	ROE		Ldy 98	938922 t
	Dunmurry, Warren House	iJ(33) 286685	100	30	LAGAN		Ant 97	t
E	EDENFEL	iH(23) 466719	290	88	FOYLE	Drumragh	Tyr 99	927679
	Ely Lodge	iH(23) 191511	210	64	ERNE		Fer 94	996317 t
F	Florence Court	iH(23) 177347	269	82	ERNE	Arney	Fer 94	994391 *
	Foffany Res.	iJ(33) 285292	929	283		Coastal (Boundary to Newry)	Dwn 96	975115 *
G	GLACK BURN	iC(24) 707040	958	292	ROE	Altnaheglish - Owenrigh	Ldy 98	938982
	GLENEDRA HILL	iH(23) 696992	1324	404	ROE	Glenedra - Altnaheglish - Owenrigh	Ldy 98	939012
	GLENEDRA INTAKE	iC(24) 682024	731	223	ROE	Glenedra - Altnaheglish - Owenrigh	Ldy 98	939052
	GLENEDRA LODGE	iC(24) 705005	941	287	ROE	Glenedra - Altnaheglish - Owenrigh	Ldy 98	939026
	Gortin, /Beltrim School/	iH(23) 491858	384	117	FOYLE	Owenkillew	Tyr 99	929758
	Greyabbey	iJ(33) 579679	30	9		Coastal (Lagan to Quoile)	Dwn 96	t
H	Helen's Bay	iJ(33) 453825	142	43		Coastal (Lagan to Quoile)	Dwn 96	970634
	HILLSBOROUGH	iJ(33) 251577	379	116	LAGAN		Dwn 96	969274
	Huntly S. Wks.	iJ(33) 118467	180	55	BANN		Dwn 96	941654
I	Irvinestown Police Sta.	iH(23) 236582	294	90	ERNE	Ballinamallard	Fer 94	996140
K	Kilkeel /Coastguards Sta/	iJ(33) 315140	58	18		Coastal (Boundary to Newry)	Dwn 96	975817 ‡
	Killough Waterworks	iJ(33) 526378	5	2		Coastal (Quoile to boundary)	Dwn 96	974209 ‡
	Killylane Res.	iJ(33) 279986	730	223	BANN	Kells - Main - L.Neagh	Ant 97	953637
	Killyleagh Primary Sch.	iJ(33) 522531	30	9		Coastal (Lagan to Quoile)	Dwn 96	972743
	Knockagh	iJ(33) 365881	715	218	WOODBURN	Boydstown	Ant 97	967872
	Knockbreda	iJ(33) 359708	164	50		Coastal (Lagan to Quoile)	Dwn 96	970396
L	Labbyheige	iC(24) 723021	1140	347	ROE	Altnaheglish - Owenrigh	Ldy 98	938963
	Lagmore Res.	iJ(33) 265690	376	115	LAGAN		Ant 97	969822
	Lambeg, Glenmore House	iJ(33) 278661	100	30	LAGAN		Dwn 96	t
	Larne /Grammar Sch./	iD(34) 393026	140	43		Coastal (Boundary to Woodburn)	Ant 97	967342
	Leathemstown Res.	iJ(33) 214723	539	164	BANN	Crumlin - L.Neagh	Ant 97	950648
	Linavady, Roevista Manse	iC(24) 675235	60	18	ROE		Ldy 98	t
	Lisadian, Laurelgrove	iJ(33) 219591	208	63	LAGAN		Dwn 96	969134
	Lisburn, Friends Sch.	iJ(33) 269645	201	61	LAGAN		Ant 97	t
	Lisburn, Seymour Park	iJ(33) 276639	130	40	LAGAN		Ant 97	969750
	LISBURN WATERWORKS /Old gauge/	iJ(33) 255661	290	88	LAGAN		Ant 97	969738
	Lislap Forest	iH(23) 485823	685	209	FOYLE		Tyr 99	928585
	Londonderry, Dunruadh	iC(24) 445199	140	43	FOYLE		Ldy 98	t
	Lough Bradan /Flt. Ho./	iH(23) 259725	554	169	FOYLE	Fairy	Tyr 99	928050
	Lough Bradan No.1	iH(23) 261712	610	186	FOYLE	Fairy	Tyr 99	928025
	Lough Bradan No.2	iH(23) 262715	690	210	FOYLE	Fairy	Tyr 99	928026
	Lough Bradan No.3	iH(23) 253713	640	195	FOYLE	Fairy	Tyr 99	928029 *
	Lough Cowey Res.	iJ(33) 597546	34	10		Coastal (Lagan to Quoile)	Dwn 96	971049
	Loughgall	iH(23) 907519	82	25	BANN	Tall - Blackwater - L.Neagh	Arm 95	948521
	LOUGH MOURNE RES.	iJ(33) 418923	610	186		Coastal (Boundary to Woodburn)	Ant 97	967744
	Lough Shannagh	iJ(33) 298259	1270	387		Coastal (Boundary to Newry)	Dwn 96	975654

* Specially estimated average (less than 5 years' record)
t Station now terminated
‡ Average may be a little low due to overexposed site.

STATION NAME	GRID REFERENCE	ALTITUDE ft.	ALTITUDE m.	RIVER BASIN	TRIBUTARY DATA or coastal boundary limits	COUNTY No.	R-STN NUMBER	
Magherintemple	1D(34) 145395	230	70		Coastal (Bush to boundary)	Ant 97	t	M
MONEYDIG	1C(24) 890170	112	34	BANN	Agivey	Ldy 98	961613	
Moore's Point	1J(33) 524507	40	12		Coastal (Lagan to Quoile)	Dwn 96	972756	
Moyallon House	1J(33) 048508	130	40	BANN		Dwn 96	t	
Moy Res.	1H(23) 836564	195	59	BANN	Blackwater - L.Neagh	Tyr 99	947245	
Muckamore Forest	1J(33) 162856	115	35	BANN	Sixmilewater - L.Neagh	Ant 97	955498	
Newcastle, Spelga Ave.	1J(33) 371311	18	5		Coastal (Boundary to Newry)	Dwn 96	975305 t	N
Newry Abbey	1J(33) 088272	32	10	NEWRY		Dwn 96	977410	
Newry, Bridge Street House	1J(33) 082258	14	4	NEWRY		Dwn 96	977435	
Newtownbreda	1J(33) 345691	157	48	LAGAN		Dwn 96	970093	
Nutts Corner (Airport)	1J(33) 196776	337	103	BANN	Crumlin - L.Neagh	Ant 97	950443 t	
OLDPARK FILTERS	1J(33) 323775	191	58	LAGAN		Ant 97	970250	O
ORLOCK RES.	1J(33) 561827	14	4		Coastal (Lagan to Quoile)	Dwn 96	970858	
Ott Mountain	1J(33) 280272	1490	454	BANN		Dwn 96	940621	
Parkanaur	1H(23) 739614	349	106	BANN	Torrent - Blackwater - L.Neagh	Tyr 99	948679 t	P
Parkmore Forest	1D(34) 203207	770	235		Coastal (Bush to boundary)	Ant 97	966207 *	
Portora Royal Sch.	1H(23) 224448	245	75	ERNE		Fer 94	995503	
Portora Sluice (Old site)	1H(23) 223453	152	46	ERNE		Fer 94	995504 t	
(New site)	1H(23) 222453	152	46	ERNE		Fer 94	995505 C	
Portrush	1C(24) 854411	30	9		Coastal (Boundary to Bush)	Ant 97	963565	
QUOLIE RES.	1D(34) 178128	826	252	BANN	Braid - Main - L.Neagh	Ant 97	952984	Q
Randalstown	1J(33) 083907	90	27	BANN	Main - L.Neagh	Ant 97	954233	R
Randalstown, Hollybrook	1J(33) 082924	120	37	BANN	Main - L.Neagh	Ant 97	t	
Reagh Island	1J(33) 524641	40	12		Coastal (Lagan to Quoile)	Dwn 96	972262	
RICHHILL, SANDYMOUNT	1H(23) 924495	200	61	BANN	Tall - Blackwater - L.Neagh	Arm 95	948336 t	
ROSCOR	1G(13) 971551	470	143	ERNE		Fer 94	998294	
Rossfad	1H(23) 216519	200	61	ERNE		Fer 94	t	
Saintfield House	1J(33) 398604	300	91	QUOILE		Dwn 96	t	S
SALLAGH SPRING	1D(34) 348049	566	173		Coastal (Bush to boundary)	Ant 97	967033 ж	
SEAFORDE HOUSE	1J(33) 402435	180	55		Coastal (Quoile to boundary)	Dwn 96	974499 t P	
Seagahan Res.	1H(23) 898379	524	160	BANN	Callan - Blackwater - L.Neagh	Arm 95	947598 ø	
Seskinore Forest	1H(23) ~~927560~~ 440640	~~348~~ 345	~~106~~ 140	FOYLE	Drumragh	Tyr 99	927560 *	
SILENT VALLEY WATERWORKS	1J(33) 305216	423	129		Coastal (Boundary to Newry)	Dwn 96	975691	
SION MILLS	1H(23) 339932	99	30	FOYLE		Tyr 99	932500	
Slieve Bernagh	1J(33) 314279	1945	593		Coastal (Boundary to Newry)	Dwn 96	975629	
Slieve Lamagan	1J(33) 322255	1310	399		Coastal (Boundary to Newry)	Dwn 96	975449	
Spelga Dam	1J(33) 263273	1040	317	BANN		Dwn 96	940628	
Spelhoagh Mountain	1H(23) 704985	1324	404	ROE	Glenedra - Altnaheglish - Owenrigh	Ldy 98	939010	
STONEYFORD RES. No.1	1J(33) 221701	444	135	BANN	Crumlin - L.Neagh	Ant 97	950578	
Stoneyford Res. No.2	1J(33) 218701	443	135	BANN	Crumlin - L.Neagh	Ant 97	950586	
Stormont Castle	1J(33) 402749	185	56		Coastal (Lagan to Quoile)	Dwn 96	970488	
Strangford	1J(33) 589496	30	9		Coastal (Quoile to boundary)	Dwn 96	t	
Tandragee S.Wks.	1J(33) 034454	78	24	BANN	Cusher	Arm 95	942478	T
Tollymore Park	1J(33) 346327	249	76		Coastal (Boundary to Newry)	Dwn 96	975205	
Toomebridge	1H(23) 988905	50	15	BANN		Ant 97	959461	
TYNAN ABBEY	1H(23) 759422	158	48	BANN	Tynan - Blackwater - L.Neagh	Arm 95	946254	
UPPERLANDS	1C(24) 874047	240	73	BANN	Claudy	Ldy 98	960137	U

* Specially estimated average (less than 5 years' data)
t Station now terminated
C Continuous record (old site average adopted pro tem.)
ж Re-commenced June 1964 at previous site, but homogeneity doubtful
ø Not considered applicable to Seagahan Filters site (now operating)
P Seaforde Ho. average being used for Seaforde Police Sta. pro tem.

STATION NAME	GRID REFERENCE	ALTITUDE ft.	ALTITUDE m.	RIVER BASIN	TRIBUTARY DATA or coastal boundary limits	COUNTY No.	R-STN NUMBER
WARINGSTOWN FORGE	iJ(33) 105547	184	56	LAGAN		Dwn 96	968895
Washing Bay P.Sta.	iH(23) 902668	59	18	BANN	L.Neagh	Tyr 99	949135
Whitecross Police Sta. Whitecross	iH(23) 987314	409	125	BANN	Cusher - L.Neagh	Arm 95	942065 t C
Whitespots Res.	iJ(33) 487753	182	55		Coastal (Lagan to Quoile)	Dwn 96	971754
WOODBURN, NORTH	iJ(33) 367905	713	217	WOODBURN		Ant 97	967847
WOODBURN, SOUTH	iJ(33) 370893	610	186	WOODBURN	Boydstown	Ant 97	967882
Woodburn No.1	iJ(33) 354896	840	256	WOODBURN		Ant 97	967865
Woodburn No.2	iJ(33) 362900	836	255	WOODBURN		Ant 97	967848
Woodburn No.3	iJ(33) 361896	764	233	WOODBURN	Boydstown	Ant 97	967877
Woodburn No.4	iJ(33) 354883	730	223	WOODBURN	Boydstown	Ant 97	967862

kw

NOTES ON INDEX

STATION NAMES .....

1. The names of the rainfall stations are those adopted under current Meteorological Office naming procedures, viz. the name will be found on the 1-inch Ordnance Survey map in virtually all cases, and the spelling adopted is that of the Ordnance Survey, even when current local spelling is different.

2. Station names appearing in capital letters are those stations whose data were used in the Primary Survey for these averages - see Introductory paragraphs.

ABBREVIATIONS .....

3. Standard abbreviations may have been used, viz.

Flt.Ho.	Filter House	Res.	Reservoir
Flts.	Filters	S.Wks	Sewage Works
P.Sta.	Pumping Station	Sta.	Station

SITE POSITION .....

4. The location of the raingauge is given by Irish National Grid Reference in the usual format, viz. the main Grid Square identified both by its letter and, in brackets, its numerical equivalent. Within that main square the position is shown as a six-figure group, comprising the distance east as the first three figures, and the distance north as the last three figures, each set of values being in hundreds of metres.

ALTITUDE .....

5. The altitude of the raingauge site is related to the new Belfast Mean Sea Level Ordnance Datum (i.e. Dublin Bay datum less nine feet approximately). The altitude is the most accurate possible for the particular station, determined in the foot unit. The value thus adopted has been converted to the nearest whole metre for the second altitude entry.

RIVER BASIN and TRIBUTARY

6. These entries follow a standardised procedure adopted by the Meteorological Office.

7. Where no "River Basin" entry is given then the station lies in an area draining into the sea either direct or via small rivers not separately identified. Such stations are listed as "Coastal", and this is followed by the limits of the "coastal" area identified by the rivers at each end of the coastal strip, or by the word "boundary" which refers to an arbitary boundary of hydrometric areas adopted by the Meteorological Office.

8. In certain cases for stations within the Lough Neagh basin the "Tributary" entry may be technically incorrect: such entries (e.g. Aldergrove shown as being in the Sixmilewater catchment) are linked to certain arbitary decisions taken by the Meteorological Office when determining the rainfall station number.

COUNTY .....

9. The county in which the raingauge lies (which in a few instances may not be the county in which the adopted named place is situated) is show in abbreviated form, viz.

Ant ... Antrim	Fer ... Fermanagh
Arm ... Armagh	Ldy ... Londonderry
Dwn ... Down	Tyr ... Tyrone

10. Also included in the rainfall county identification number (which, separated by a hyphen, precedes the rainfall station number of the last column when the full station number is used). (This county number should not be confused with the county number used for climatological station (DCnn) purposes.)

STATION NUMBER .....

11. This is a number allocated to the particular site of the raingauge, specially calculated and related to the drainage area (in sq.miles) in a manner too complex to set out in these Notes.

SPECIAL ANNOTATIONS .....

12. Special annotations are included against certain station numbers, the details of which will be found at the foot of the respective index page. The annotations of * Specially estimated average (less than 5 years' record), t station now terminated, and C continuous record (old site average adopted for the new site pro tem.) are common to all index pages.

THROUGHOUT THESE TABLES OF AVERAGES THE SMALL LETTER 'C' BEFORE A RIVER OR TRIBUTARY NAME INDICATES 'CONTINUATION' OR RETURN TO MAIN STREAM FOLLOWING DATA RELATING TO A TRIBUTARY.

FOYLE AND NORTHWEST STREAMS[1]

AREA 1163·8 sq. mi. 3014·2 sq. km.

STN.Nos. 925000-936871

RIVER or coastal area / TRIBUTARY / Sub-tributary / Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER (STATIONS ARE IN NUMERICAL ORDER)
coastal[2]															
Londonderry, Dunruadh	in.	4.01	2.81	2.29	2.45	2.33	2.93	4.01	3.49	3.85	4.09	3.69	4.17	40.12	------
	mm.	102	71	58	62	59	74	102	89	98	104	94	106	1019	
CREGGAN RESERVOIR No.1	in.	4.52	3.14	2.55	2.71	2.61	3.29	4.43	3.90	4.29	4.50	4.07	4.63	44.64	925349
	mm.	115	80	65	69	66	84	112	99	109	114	103	118	1134	
FOYLE[3]															
DRUMRAGH															
Seskinore Forest	in.	4.30	3.09	2.77	2.59	2.77	3.36	4.30	3.89	4.12	4.34	4.21	5.01	44.75	927560
	mm.	109	79	70	66	70	86	109	99	105	110	107	127	1137	
EDENFEL	in.	4.06	2.94	2.61	2.37	2.60	3.12	4.00	3.62	3.83	4.16	3.93	4.69	41.93	927679
	mm.	103	75	66	60	66	79	102	92	97	106	100	119	1065	
FAIRY WATER															
Lough Bradan No.1	in.	5.21	3.61	3.19	3.03	3.14	3.83	5.05	4.57	5.10	5.26	5.16	6.01	53.16	928025
	mm.	132	92	81	77	80	97	128	116	129	134	131	153	1350	
Lough Bradan No.2	in.	5.18	3.59	3.17	3.01	3.12	3.80	5.02	4.54	5.07	5.23	5.12	5.97	52.82	928026
	mm.	132	91	81	76	79	97	127	115	129	133	130	152	1342	
Lough Bradan No.3[4]	in.	5.50	3.82	3.37	3.20	3.31	4.04	5.33	4.83	5.39	5.56	5.45	6.34	56.14	928029
	mm.	140	97	86	81	84	103	135	123	137	141	138	161	1426	
Lough Bradan [Filter No.]	in.	5.71	3.96	3.50	3.32	3.44	4.20	5.54	5.01	5.60	5.77	5.65	6.59	58.29	928050
	mm.	145	101	89	84	87	107	141	127	142	147	144	167	1481	
[C]FOYLE[3]															
Lislap Forest	in.	4.91	3.51	3.11	2.95	3.11	3.61	4.71	4.26	4.51	5.01	4.76	5.66	50.11	928585
	mm.	125	89	79	75	79	92	120	108	114	127	121	144	1273	
OWENKILLEW															
Gortin	in.	4.68	3.35	2.93	2.79	2.93	3.35	4.44	3.97	4.25	4.73	4.49	5.34	47.25	929758
	mm.	119	85	74	71	74	85	113	101	108	120	114	135	1200	
DERG															
Baron's Court	in.	4.26	3.01	2.63	2.45	2.58	3.10	4.05	3.66	4.09	4.31	4.05	4.86	43.05	932222
	mm.	108	76	67	62	66	79	103	93	104	109	103	123	1093	
Baronscourt Forest	in.	4.43	3.13	2.73	2.55	2.69	3.22	4.21	3.81	4.25	4.48	4.21	5.06	44.77	932237
	mm.	113	78	69	65	68	82	107	97	108	114	107	129	1137	
[C]FOYLE[3]															
SION MILLS	in.	4.19	2.93	2.50	2.35	2.47	2.90	3.94	3.50	3.94	4.20	3.92	4.67	41.51	932500
	mm.	106	74	62	60	63	74	100	89	100	107	100	119	1054	

1. Northwestern streams includes the Burnfoot River (in Republic of Ireland)
2. refers to coastal strip between boundary between Northern Ireland & Republic of Ireland and boundary of River Foyle catchment.
3. The term "Foyle" is used to cover the river from its source (Camowen) and through the stages known as Strule and Mourne rivers. For catchment area purposes used in determining station numbers the Meteorological Office adopts the Craigavon Bridge, Londonderry, as the mouth of the Foyle.
4. Data reviewed 4/1967 to obtain this average.

LOUGH FOYLE EAST

AREA 345·4 sq.mi. STN.Nos. 937000-940523
894·6 sq.km.

RIVER or coastal area TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
FAUGHAN															
coastal															
Ballykelly No.2[3]	in.	3.40	2.37	1.92	2.06	2.03	2.44	3.54	2.99	3.26	3.50	3.23	3.60	34.34	938573
	mm.	86	60	49	52	52	62	90	76	83	89	82	91	872	
Ballykelly No.3 (turf-walled)[4]	in.	3.28	2.28	1.85	1.99	1.95	2.35	3.41	2.88	3.14	3.38	3.11	3.48	33.10	938575
	mm.	83	58	47	51	49	60	87	73	80	86	79	88	841	
Ballykelly No.1[5]	in.	3.16	2.20	1.79	1.91	1.88	2.27	3.29	2.78	3.03	3.25	3.00	3.35	31.91	938576
	mm.	80	56	45	48	48	58	84	71	77	83	76	85	811	
ROE															
Dungiven, Grianan	in.	4.36	3.09	2.58	2.62	2.54	2.83	4.10	3.38	3.77	4.19	4.06	4.78	42.30	938922
	mm.	111	78	66	67	64	72	104	86	96	106	103	121	1074	
OWENRIGH[1]															
Altnaheglish															
Labbyheige[4]	in.	5.89	4.20	3.62	3.56	3.50	3.91	5.66	4.78	5.31	5.78	5.54	6.59	58.34	938963
	mm.	150	107	92	90	89	99	144	121	135	147	141	167	1482	
GLACK BURN	in.	5.63	4.06	3.38	3.40	3.25	3.67	5.26	4.33	4.82	5.27	5.20	6.23	54.50	938982
	mm.	143	103	86	86	83	93	134	110	122	134	132	158	1384	
ALTABROGY BURN	in.	6.00	4.21	3.65	3.56	3.45	3.87	5.41	4.52	5.12	5.58	5.38	6.64	57.39	938986
	mm.	152	107	93	90	88	98	137	115	130	142	137	169	1458	
Glenedra															
Spelhoagh Mountain[4]	in.	6.35	4.57	3.93	3.93	3.81	4.32	6.15	5.27	5.71	6.28	6.03	7.11	63.46	939010
	mm.	161	116	100	100	97	110	156	134	145	159	153	181	1612	
GLENEDRA HILL	in.	6.33	4.97	4.07	4.18	3.66	4.42	6.41	5.60	6.01	6.54	6.02	7.10	65.31	939012
	mm.	161	126	103	106	93	112	163	142	153	166	153	181	1659	
GLENEDRA LODGE	in.	6.06	4.23	3.63	3.82	3.59	4.03	5.66	4.87	5.43	5.97	5.73	6.77	59.79	939026
	mm.	154	107	92	97	91	102	144	124	138	152	146	172	1519	
ALTAGARRAN MOUNTAIN	in.	5.76	3.95	3.58	3.58	3.60	4.01	5.56	4.78	5.23	5.76	5.49	6.28	57.58	939028
	mm.	146	100	91	91	92	102	141	122	133	146	139	160	1463	
GLENEDRA INTAKE	in.	5.88	4.14	3.56	3.63	3.37	3.77	5.41	4.55	4.94	5.41	5.42	6.44	56.52	939052
	mm.	149	105	90	92	86	96	138	116	125	137	138	164	1436	
[C]Altnaheglish															
Banagher Filters[4]	in.	5.32	3.74	3.23	3.28	3.07	3.43	4.87	4.10	4.45	4.97	4.92	5.84	51.22	939061
	mm.	135	95	82	84	78	87	124	104	113	126	125	148	1301	
[C]OWENRIGH[1]															
[C]ROE															
Dogleap House	in.	3.64	2.55	2.08	2.19	2.15	2.51	3.71	3.13	3.39	3.68	3.46	3.93	36.42	939697
	mm.	92	65	53	56	55	64	94	79	86	93	88	100	925	
Limavady, Roevista Manse	in.	3.49	2.45	1.99	2.13	2.10	2.52	3.70	3.09	3.34	3.63	3.38	3.73	35.55	------
	mm.	89	62	51	54	53	64	94	78	85	92	86	95	903	
DRENAGH	in.	3.65	2.56	2.06	2.22	2.18	2.64	3.87	3.22	3.47	3.80	3.51	3.91	37.09	940110
	mm.	93	65	52	57	55	67	98	82	88	97	89	99	942	
coastal[2]															
Bellarena	in.	3.38	2.38	1.90	2.04	2.00	2.49	3.63	3.04	3.28	3.52	3.24	3.63	34.53	------
	mm.	86	61	48	52	51	63	92	77	83	90	82	92	877	
Castlerock, Craighead	in.	3.79	2.62	2.09	2.24	2.13	2.73	3.98	3.38	3.64	3.83	3.53	3.98	37.94	------
	mm.	96	67	53	57	54	69	101	86	93	97	90	101	964	

kw

1. Rises as Finglen River, then for a short distance known as Cushcapal Water, before known as Owenrigh River.
2. Eastern limit of coastal area is boundary with River Bann catchment.
3. Temporary site (proved to have variable exposure) adopted for U.K. "Monthly Weather Report" for 1964-66.
4. Data specially reviewed 4/1967 to obtain this average.
5. Over-exposed site.

BANN

AREA 2238·6 sq.mi. STN.Nos. 940600–963434
5797·9 sq.km.

R.BANN or Lough Neagh TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
BANN, Upper[1]															
Deer's Meadow	in.	6.79	4.66	4.86	3.86	4.33	4.40	5.73	5.80	6.26	6.46	6.46	7.00	66.61	940609
	mm.	173	118	123	98	110	112	146	147	159	164	164	178	1692	
Ott Mountain	in.	6.92	4.75	5.02	3.94	4.41	4.48	5.84	5.90	6.38	6.51	6.58	7.12	67.85	940621
	mm.	176	121	127	100	112	114	148	150	162	165	167	181	1723	
Spelga Dam	in.	6.46	4.43	4.69	3.67	4.12	4.18	5.45	5.51	5.95	6.08	6.15	6.65	63.34	940628
	mm.	164	113	119	93	105	106	139	140	151	154	156	169	1609	
Huntly Sewage Works	in.	3.01	2.02	2.02	1.79	1.92	2.49	3.39	3.14	3.04	3.14	2.78	3.26	32.00	941654
	mm.	76	51	51	46	49	63	86	80	77	80	71	83	813	
CUSHER															
Whitecross Police Sta.[4] and Whitecross	in.	4.05	2.63	2.59	2.35	2.55	2.88	4.09	3.57	3.77	4.05	3.65	4.34	40.52	942065
	mm.	103	67	66	59	65	73	104	90	96	103	93	110	1029	
Ballylane Waterworks	in.	3.84	2.51	2.47	2.27	2.55	2.86	4.07	3.53	3.60	3.88	3.45	4.15	39.18	942279
	mm.	97	64	63	58	65	73	103	90	91	98	88	105	995	
Tandragee Sewage Works	in.	3.15	2.05	2.05	1.85	1.99	2.62	3.58	3.25	3.11	3.24	2.81	3.41	33.11	942478
	mm.	80	52	52	47	51	67	91	82	79	82	71	87	841	
[c]BANN, Upper[1]															
Moyallon House	in.	2.85	1.89	1.86	1.71	1.86	2.55	3.48	3.20	2.92	2.98	2.61	3.13	31.04	------
	mm.	72	48	47	44	47	65	88	81	74	76	66	80	788	
Craigavon, Portadown S. Wks. No.1[3]	in.	2.77	1.84	1.81	1.66	1.81	2.47	3.41	3.11	2.83	2.89	2.53	3.01	30.14	942936
	mm.	70	47	46	42	46	63	87	79	72	73	64	77	766	
Craigavon, Portadown S.Wks. No.2 (turf-walled)[4]	in.	2.89	1.91	1.88	1.73	1.88	2.57	3.54	3.23	2.95	3.01	2.64	3.14	31.37	942932
	mm.	73	49	48	44	48	65	90	82	75	76	67	80	797	
Lough Neagh[2]															
BLACKWATER															
Aghintaine Castle	in.	4.09	2.94	2.60	2.51	2.56	3.20	4.26	3.71	4.00	4.00	4.00	4.73	42.60	944389
	mm.	104	74	66	64	65	81	108	94	102	102	102	120	1082	
Ballygawley Reservoir	in.	3.49	2.52	2.34	2.23	2.30	2.93	3.82	3.23	3.38	3.52	3.38	3.97	37.11	945216
	mm.	89	64	60	57	58	74	97	82	86	89	86	101	943	
Auchnacloy Sewage Works	in.	3.43	2.47	2.32	2.21	2.32	2.95	3.87	3.24	3.35	3.46	3.32	3.90	36.84	945424
	mm.	87	63	59	56	59	75	98	83	85	88	84	99	936	
Tynan															
Derrynoose Rectory	in.	3.35	2.26	2.19	2.08	2.33	2.78	3.70	3.28	3.14	3.35	3.07	3.74	35.27	------
	mm.	85	57	56	53	59	71	94	83	80	85	78	95	896	
TYNAN ABBEY	in.	3.17	2.20	2.11	1.99	2.18	2.74	3.58	3.18	3.05	3.18	2.94	3.54	33.86	946254
	mm.	80	56	53	51	55	70	91	81	77	81	75	90	860	

kw

1. The term "Upper Bann" is used to cover that part of the river from its source to the point where it enters Lough Neagh
2. Rivers draining into Lough Neagh are listed in the sequence in which they are arbitarily taken to drain into a theoretical River Bann course were Lough Neagh non-existent. (See also Note 8 on Index Page 4)
3. This average is applicable to the particular raingauge site, which is over-exposed: the turf-walled No.2 raingauge was installed to secure a more representative value.
4. No.2 site data specially reviewed 4/1967 to obtain this average.

BANN contd.

R. BANN or Lough Neagh TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
Lough Neagh, contd.															
[c] BLACKWATER															
Benburb Priory	in.	2.98	2.05	1.95	1.92	2.11	2.56	3.45	3.04	2.82	3.04	2.78	3.30	32.00	946947
	mm.	76	52	49	49	53	65	88	77	72	77	71	84	813	
Moy Reservoir	in.	2.99	2.06	1.96	1.96	2.06	2.54	3.47	3.02	2.86	3.12	2.80	3.31	32.15	947245
	mm.	76	52	50	50	52	65	88	77	73	79	71	84	817	
Callan															
Clay Lake	in.	4.14	2.71	2.66	2.45	2.79	3.17	4.36	3.85	3.80	4.14	3.68	4.52	42.27	947356
	mm.	105	69	68	62	71	81	111	98	96	105	93	115	1074	
Seagahan Reservoir	in.	3.65	2.43	2.36	2.24	2.51	2.89	3.99	3.49	3.46	3.68	3.27	4.03	38.00	947598
	mm.	93	62	60	57	64	73	101	89	88	93	83	102	965	
ARMAGH	in.	3.09	2.13	2.02	2.00	2.21	2.72	3.63	3.16	2.95	3.19	2.83	3.50	33.43	947811
	mm.	79	54	51	51	56	69	92	80	75	81	72	89	849	
[c] BLACKWATER															
Dungannon Park	in.	3.82	2.60	2.56	2.48	2.56	3.17	4.27	3.66	3.66	3.98	3.61	4.27	40.64	947988
	mm.	97	66	65	63	65	81	108	93	93	101	92	108	1032	
DUNGANNON, ALOHA	in.	3.84	2.61	2.59	2.50	2.55	3.19	4.27	3.63	3.69	4.01	3.61	4.28	40.77	948085
	mm.	98	66	66	63	65	81	108	92	94	102	92	109	1036	
Tall															
RICHHILL, SANDYMOUNT	in.	3.07	2.06	1.92	1.89	2.23	2.56	3.67	3.32	2.95	3.10	2.75	3.30	32.82	948336
	mm.	78	52	49	48	57	65	93	84	75	79	70	84	834	
Loughgall	in.	2.89	1.94	1.78	1.78	2.03	2.40	3.44	3.13	2.76	2.92	2.58	3.07	30.72	948521
	mm.	73	49	45	45	52	61	87	80	70	74	66	78	780	
Torrent															
Cappagh Reservoir	in.	4.56	3.31	3.02	2.93	2.98	3.60	4.80	4.13	4.37	4.70	4.42	5.18	48.00	948633
	mm.	116	84	77	74	76	91	122	105	111	119	112	132	1219	
Parkanaur[4]	in.	3.83	2.69	2.57	2.49	2.53	3.18	4.20	3.55	3.71	3.96	3.71	4.36	40.78	948679
	mm.	97	69	65	63	64	81	107	90	94	101	94	111	1036	
[c] Lough Neagh															
Washing Bay	in.	3.40	2.31	2.20	2.13	2.21	2.89	3.94	3.36	3.25	3.54	3.14	3.76	36.13	949135
	mm.	86	59	56	54	56	73	100	85	83	90	80	96	918	
Craigavon, Lurgan Cemetery[4]	in.	3.00	1.95	1.96	1.79	1.96	2.67	3.62	3.36	3.10	3.16	2.74	3.29	32.60	949451
	mm.	76	50	50	45	50	68	92	85	79	80	69	84	828	
CRUMLIN															
Nutts Corner	in.	3.66	2.43	2.35	2.24	2.39	3.01	4.20	3.55	3.59	3.74	3.36	4.05	38.57	950443
	mm.	93	62	60	57	61	76	107	90	91	95	85	103	980	
STONEYFORD RESERVOIR No.1	in.	3.82	2.59	2.55	2.40	2.55	3.06	4.28	3.83	3.69	3.86	3.53	4.18	40.34	950578
	mm.	97	66	65	61	65	78	109	97	94	98	89	106	1025	
Stoneyford Reservoir No.2	in.	3.81	2.56	2.52	2.36	2.52	3.04	4.25	3.81	3.65	3.85	3.53	4.17	40.07	950586
	mm.	97	65	64	60	64	77	108	97	93	98	89	106	1018	
Leathemstown Reservoir	in.	3.93	2.61	2.57	2.44	2.57	3.19	4.43	3.89	3.81	3.97	3.64	4.35	41.40	950648
	mm.	100	66	65	62	65	81	113	99	97	101	92	111	1052	

kw

4. Data specially reviewed 4/1967 to obtain this average.

R. BANN or Lough Neagh TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
Lough Neagh, contd.															
MAIN															
Clogh															
Carnlea	in.	4.26	2.96	2.57	2.57	2.61	3.26	4.26	3.91	4.13	4.35	3.91	4.70	43.49	952285
	mm.	108	75	65	65	66	83	108	100	105	111	100	119	1105	
Braid															
QUOLIE RESERVOIR	in.	5.19	3.73	3.31	3.31	3.27	3.91	5.27	4.78	5.13	5.13	5.11	5.52	53.66	952984
	mm.	132	95	84	84	83	99	134	122	130	130	130	140	1363	
Broughshane, Tullymore House	in.	3.78	2.65	2.34	2.30	2.38	2.84	3.82	3.51	3.70	3.90	3.59	4.17	38.98	------
	mm.	96	67	60	58	61	72	97	89	94	99	91	106	990	
BALLYMENA, HARRYVILLE	in.	4.05	2.78	2.43	2.38	2.51	2.99	4.06	3.76	3.87	4.18	3.72	4.48	41.21	953210
	mm.	103	71	62	60	64	76	103	96	98	106	94	114	1047	
Kells															
Carninard Mountain	in.	5.03	3.37	3.21	3.21	3.21	3.89	5.18	4.51	4.92	5.03	4.77	5.50	51.83	953554
	mm.	128	85	82	82	82	99	131	114	125	128	121	139	1316	
Killylane Reservoir	in.	4.91	3.34	3.14	3.14	3.14	3.80	5.06	4.40	4.81	4.91	4.61	5.37	50.63	953637
	mm.	125	85	80	80	80	96	128	112	122	125	117	136	1286	
[c]MAIN															
Randalstown, Hollybrook	in.	3.48	2.31	2.13	2.13	2.20	2.86	3.92	3.37	3.44	3.66	3.19	3.96	36.65	------
	mm.	88	59	54	54	56	73	99	86	87	93	81	101	931	
Randalstown	in.	3.73	2.48	2.28	2.28	2.36	3.07	4.21	3.62	3.69	3.93	3.42	4.25	39.32	954233
	mm.	95	63	58	58	60	78	107	92	93	100	87	108	999	
SIXMILEWATER[1]															
Muckamore Forest	in.	3.43	2.24	2.13	2.09	2.20	2.85	3.97	3.25	3.43	3.57	3.10	3.83	36.09	955498
	mm.	87	57	54	53	56	72	101	83	87	91	79	97	917	
Aldergrove No.2 /Civil Airport site/[4,6] (Turf-walled)	in.	3.49	2.24	2.17	2.10	2.28	2.94	4.08	3.31	3.49	3.60	3.16	3.90	36.76	955817
	mm.	89	57	55	53	58	75	104	84	89	91	80	99	934	
ALDERGROVE No.1 /R.A.F. site/[6]	in.	3.15	2.04	1.98	1.89	2.06	2.68	3.71	3.01	3.15	3.25	2.85	3.53	33.30	955823
	mm.	80	52	50	48	52	68	94	77	80	83	72	90	846	
BALLINDERRY[2]															
Killymoon															
Cookstown No.1 /Garden site/	in.	3.89	2.67	2.55	2.47	2.51	3.03	4.13	3.52	3.68	4.01	3.64	4.37	40.47	957069
	mm.	99	68	65	63	64	77	105	89	93	102	92	111	1028	
Cookstown No.2 /Climat.site/[4]	in.	3.82	2.63	2.51	2.43	2.47	2.99	4.06	3.46	3.62	3.94	3.58	4.30	39.81	957071
	mm.	97	67	64	62	62	76	103	88	92	100	91	109	1011	
MOYOLA[3]															
Draperstown, Ard Muiri	in.	4.77	3.51	3.02	2.97	2.97	3.36	4.73	3.99	4.43	4.82	4.63	5.51	48.71	958510
	mm.	121	89	77	75	75	85	120	101	113	123	118	140	1237	
BANN, Lower[5]															
Toomebridge	in.	3.38	2.29	2.04	2.04	2.11	2.75	3.73	3.14	3.28	3.49	3.10	3.87	35.22	959461
	mm.	86	58	52	52	53	70	95	80	83	89	79	98	895	

kw

1,2,3. The sequence of these tributaries follows arbitary decisions (see Footnote 2, BANN page 1)

4. Data reviewed 4/1967 to obtain this average.

5. The term Lower Bann is used for that part of the river between the exit from Lough Neagh and the mouth of the river on north coast.

6. Neither of the Aldergrove sites are strictly within the Sixmilewater catchment as it exists (see Note 8, Index Page 4).

BANN, contd.

R. BANN or Lough Neagh TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
BANN, Lower, contd.															
CLAUDY															
UPPERLANDS	in.	4.13	3.06	2.51	2.59	2.56	2.91	4.08	3.48	3.89	4.16	3.99	4.75	42.11	960137
	mm.	105	78	64	66	65	74	103	88	99	106	101	121	1070	
AGIVEY															
MONEYDIG	in.	4.16	2.83	2.20	2.36	2.37	3.00	4.06	3.47	3.84	4.03	3.71	4.46	40.49	961613
	mm.	106	72	56	60	60	76	103	88	98	102	94	113	1028	
MACOSQUIN															
Coleraine, Carthall Filters	in.	3.76	2.57	1.97	2.24	2.09	2.65	3.91	3.35	3.58	3.73	3.46	3.95	37.26	962013
	mm.	96	65	50	57	53	67	99	85	91	95	88	100	946	
[c]BANN, Lower															
COLERAINE, THE CUTTS	in.	4.00	2.69	2.13	2.34	2.20	2.78	4.04	3.52	3.79	3.86	3.63	4.14	39.12	962647
	mm.	102	68	54	60	56	71	103	89	96	98	92	105	994	
COLERAINE, INGLEDENE	in.	3.90	2.66	2.03	2.32	2.23	2.77	4.09	3.54	3.68	3.87	3.59	4.13	38.81	962727
	mm.	99	68	52	59	57	70	104	90	93	98	91	105	986	

kw

BUSH AND NORTHEAST STREAMS[1]

AREA 355·6 sq.mi. 921·0 sq.km.

STN.Nos. 963500-967126

RIVER or coastal area TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
coastal[2]															
Portrush	in.	3.41	2.37	1.82	2.03	1.89	2.51	3.61	3.13	3.34	3.48	3.20	3.61	34.40	963565
	mm.	87	60	46	52	48	64	92	79	85	88	81	92	874	
BUSH															
Altmahinch Dam	in.	5.60	3.98	3.52	3.52	3.46	4.15	5.77	5.13	5.54	5.60	5.48	5.94	57.69	963670
	mm.	142	101	89	89	88	106	147	130	141	142	139	151	1465	
coastal[3]															
Magherintemple	in.	4.18	2.94	2.56	2.56	2.39	3.03	4.40	3.84	4.10	4.23	4.05	4.40	42.68	------
	mm.	106	75	65	65	61	77	112	97	104	107	103	112	1084	
Ballycastle, Glenowen	in.	4.28	3.01	2.62	2.62	2.44	3.10	4.49	3.93	4.19	4.32	4.15	4.49	43.64	965367
	mm.	108	76	67	67	62	79	114	100	106	110	105	114	1108	
Ballycastle, Coolgreany	in.	3.92	2.76	2.40	2.40	2.24	2.84	4.12	3.60	3.84	3.95	3.80	4.12	39.99	965548
	mm.	100	70	61	61	57	72	105	91	97	100	97	105	1016	
Parkmore Forest	in.	6.34	4.53	4.01	4.01	3.88	4.53	6.40	5.69	6.21	6.27	6.14	6.66	64.67	966207
	mm.	161	115	102	102	99	115	162	145	158	159	156	169	1643	
SALLAGH SPRING	in.	4.97	3.52	3.03	2.89	2.96	3.38	4.25	4.18	4.70	5.02	4.85	5.49	49.24	967033
	mm.	126	90	77	73	75	86	108	106	120	128	123	139	1251	

1. All streams from the eastern Bann catchment boundary via the north-east coast to the northern boundary of Larne Water catchment.
2. Area between eastern Bann catchment and western Bush catchment.
3. All streams between western Bush catchment boundary and Area boundary.

LAGAN AND EASTERN STREAMS[1]

AREA 764·0 sq.mi. 1978·7 sq.km. STN.Nos.967200-974993

RIVER or coastal area TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
coastal[2]															
Larne [Grammar Sch.]	in.	4.02	2.84	2.47	2.43	2.44	2.84	3.69	3.53	3.77	4.14	3.94	4.46	40.57	967342
	mm.	102	72	63	62	62	72	94	89	96	105	100	113	1030	
Ballycarry	in.	3.83	2.66	2.31	2.27	2.39	2.86	3.83	3.60	3.56	3.87	3.72	4.23	39.13	967535
	mm.	97	68	59	58	61	73	97	91	90	98	95	107	994	
LOUGH MOURNE RESERVOIR	in.	4.34	2.99	2.62	2.66	2.71	3.37	4.36	4.01	4.06	4.27	4.08	4.66	44.13	967744
	mm.	110	76	67	68	69	85	111	102	103	108	104	118	1121	
COPELAND RESERVOIR	in.	4.04	2.77	2.49	2.44	2.57	3.15	4.09	3.79	3.74	4.03	3.84	4.37	41.32	967764
	mm.	103	70	63	62	65	80	104	96	95	103	98	111	1050	
WOODBURN															
WOODBURN, NORTH	in.	4.52	3.08	2.85	2.90	2.95	3.56	4.68	4.32	4.33	4.66	4.30	4.86	47.01	967847
	mm.	115	78	72	74	75	91	119	110	110	118	109	123	1194	
Woodburn, No.2	in.	4.29	2.96	2.70	2.74	2.74	3.36	4.42	3.98	4.07	4.34	4.03	4.60	44.23	967848
	mm.	109	75	69	70	70	85	112	101	103	110	102	117	1123	
BOYDSTOWN															
Woodburn No.4	in.	4.08	2.82	2.56	2.61	2.61	3.19	4.20	3.78	3.87	4.12	3.82	4.37	42.03	967862
	mm.	104	72	65	66	66	81	107	96	98	105	97	111	1068	
Woodburn No.1	in.	4.13	2.85	2.60	2.64	2.64	3.24	4.26	3.84	3.92	4.18	3.88	4.43	42.61	967865
	mm.	105	72	66	67	67	82	108	97	100	106	99	113	1082	
Knockagh	in.	4.19	2.89	2.63	2.67	2.68	3.24	4.32	3.88	3.93	4.23	3.97	4.53	43.16	967872
	mm.	106	73	67	68	68	82	110	99	100	107	101	115	1096	
Woodburn, No.3	in.	4.24	2.93	2.67	2.71	2.71	3.33	4.38	3.94	4.03	4.29	3.98	4.55	43.76	967877
	mm.	108	74	68	69	69	84	111	100	102	109	101	116	1111	
WOODBURN, SOUTH	in.	4.47	3.10	2.78	2.88	2.85	3.43	4.61	4.19	4.26	4.55	4.26	4.83	46.21	967882
	mm.	114	79	71	73	72	87	117	106	108	116	108	123	1174	
coastal[3]															
DORISLAND RESERVOIR	in.	3.94	2.78	2.46	2.55	2.52	3.08	4.05	3.62	3.67	3.96	3.73	4.28	40.64	967918
	mm.	100	70	62	65	64	78	103	92	93	101	95	109	1032	
Belfast Pumping Station[4]	in.	3.80	2.53	2.35	2.20	2.23	2.72	3.54	3.32	3.35	3.54	3.54	4.14	37.26	968133
	mm.	96	64	60	56	57	69	90	84	85	90	90	105	946	
LAGAN															
DROMARA POLICE STATION	in.	3.93	2.81	2.74	2.28	2.71	2.76	3.69	3.71	3.65	3.79	3.92	4.25	40.24	968219
	mm.	100	71	70	58	69	70	94	94	93	96	99	108	1022	
ANNAGHANOON	in.	3.01	2.00	2.02	1.75	1.95	2.68	3.57	3.34	3.08	3.15	2.70	3.30	32.55	968858
	mm.	76	51	51	44	50	68	91	85	78	80	69	84	827	
WARINGSTOWN FORGE	in.	3.05	1.99	2.01	1.81	1.99	2.70	3.62	3.38	3.13	3.19	2.79	3.38	33.04	968895
	mm.	77	51	51	46	51	68	92	86	79	81	71	86	839	
Lisadian, Laurelgrove	in.	3.25	2.15	2.11	1.97	2.11	2.63	3.64	3.50	3.29	3.29	3.08	3.60	34.62	969134
	mm.	82	54	54	50	54	67	92	89	84	84	78	91	879	
HILLSBOROUGH	in.	3.36	2.14	2.14	1.99	2.15	2.69	3.54	3.58	3.38	3.34	3.22	3.65	35.18	969274
	mm.	85	54	54	51	55	68	90	91	86	85	82	93	894	
LISBURN WATERWORKS (Old raingauge)	in.	3.68	2.41	2.45	2.33	2.39	2.87	4.05	3.66	3.43	3.64	3.41	4.02	38.34	969738
	mm.	93	61	62	59	61	73	103	93	87	93	87	102	974	08

1. All streams from northern boundary of Larne Water catchment via Belfast Lough, north Co.Down Coast, the Ards Peninsula, Strangford Lough to the eastern boundary of River Shimna catchment.
2. Area from northern boundary of Larne Water catchment to eastern boundary of River Woodburn catchment
3. Area from western boundary of River Woodburn catchment and northern boundary of River Lagan catchment.
4. Data reviewed 4/1967 to obtain this average.

LAGAN, &c. contd.

RIVER or coastal area TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
LAGAN contd.															
Lisburn, Seymour Park	in.	3.46	2.35	2.25	2.10	2.21	2.67	3.57	3.39	3.17	3.39	3.32	3.78	35.66	969750
	mm.	88	60	57	53	56	68	91	86	81	86	84	96	906	
Lisburn, Friends School	in.	3.30	2.28	2.14	2.01	2.11	2.55	3.40	3.24	3.03	3.24	3.13	3.61	34.04	------
	mm.	83	58	55	51	53	65	87	82	77	82	80	92	865	
Lambeg, Glenmore House	in.	3.52	2.44	2.26	2.12	2.23	2.66	3.52	3.37	3.19	3.41	3.34	3.84	35.90	------
	mm.	89	62	57	54	57	67	89	86	81	87	85	98	912	
Lagmore Reservoir	in.	4.17	2.81	2.68	2.56	2.64	3.19	4.30	4.04	3.79	4.04	3.83	4.51	42.56	969822
	mm.	106	71	68	65	67	81	109	103	96	103	97	115	1081	
Dunmurry, Warren House	in.	3.74	2.60	2.38	2.23	2.34	2.79	3.66	3.51	3.36	3.59	3.51	4.04	37.75	------
	mm.	95	66	61	57	59	71	93	89	85	91	89	103	959	
Newtownbreda	in.	3.74	2.53	2.35	2.13	2.24	2.57	3.48	3.34	3.27	3.52	3.52	4.00	36.69	970093
	mm.	95	64	60	54	57	65	89	85	83	89	89	102	932	
BELFAST, QUEEN'S UNIVERSITY	in.	3.82	2.60	2.35	2.19	2.22	2.60	3.52	3.39	3.30	3.56	3.57	4.10	37.22	970129
	mm.	97	66	60	56	56	66	89	86	84	90	91	104	945	
OLDPARK FILTERS	in.	4.23	2.91	2.63	2.53	2.58	3.14	4.06	3.76	3.82	3.90	3.91	4.66	42.13	970250
	mm.	107	74	67	64	66	80	103	96	97	99	99	118	1070	
Divis Mountain	in.	4.55	3.20	2.88	2.79	2.83	3.48	4.60	4.22	4.22	4.36	4.22	5.06	46.41	970314
	mm.	116	81	73	71	72	88	117	107	107	111	107	129	1179	
coastal[1]															
Knockbreda	in.	3.91	2.62	2.43	2.20	2.28	2.66	3.57	3.42	3.38	3.65	3.65	4.22	37.99	970396
	mm.	99	66	62	56	58	67	91	87	86	93	93	107	965	
Stormont Castle	in.	3.72	2.42	2.28	2.10	2.21	2.53	3.44	3.18	3.26	3.51	3.47	4.05	36.17	970488
	mm.	95	62	58	53	56	64	87	81	83	89	88	103	919	
Creighton's Green	in.	4.01	2.59	2.43	2.24	2.32	2.70	3.67	3.40	3.47	3.74	3.70	4.32	38.59	970569
	mm.	102	66	62	57	59	68	93	86	88	95	94	110	980	
Ballysallagh Reservoir	in.	4.06	2.48	2.48	2.21	2.40	2.76	3.78	3.62	3.58	3.82	3.78	4.41	39.38	970620
	mm.	103	63	63	56	61	70	96	92	91	97	96	112	1000	
Helen's Bay	in.	3.47	2.16	2.09	1.89	2.02	2.39	3.27	3.10	3.03	3.30	3.24	3.74	33.70	970634
	mm.	88	55	53	48	51	61	83	79	77	84	82	95	856	
Bangor, Garth House School	in.	3.62	2.14	2.18	1.93	2.14	2.43	3.41	3.34	3.24	3.45	3.38	3.90	35.16	970694
	mm.	92	54	55	49	54	62	87	85	82	88	86	99	893	
Conlig Reservoir	in.	3.93	2.33	2.41	2.06	2.37	2.63	3.70	3.59	3.51	3.70	3.66	4.27	38.16	970720
	mm.	100	59	61	52	60	67	94	91	89	94	93	109	969	
ORLOCK RESERVOIR	in.	3.22	1.84	1.92	1.65	1.95	2.14	3.11	3.09	2.92	3.11	2.98	3.44	31.37	970858
	mm.	82	47	49	42	50	54	79	78	74	79	76	87	797	
Lough Cowey Reservoir	in.	3.32	2.02	2.09	1.79	2.22	2.31	2.96	3.03	3.10	3.03	3.06	3.65	32.58	971049
	mm.	84	51	53	46	56	59	75	77	79	77	78	93	828	
BALLYWALTER PARK	in.	3.43	2.04	2.15	1.82	2.26	2.32	3.14	3.26	3.19	3.20	3.26	3.82	33.89	971341
	mm.	87	52	55	46	57	59	80	83	81	81	83	97	861	
Greyabbey	in.	3.62	2.17	2.24	1.92	2.34	2.45	3.30	3.37	3.34	3.34	3.41	4.01	35.51	------
	mm.	92	55	57	49	59	62	84	85	85	85	87	102	902	
Donaghadee, New Road	in.	3.24	1.87	1.94	1.68	2.03	2.16	3.11	3.11	2.95	3.11	3.01	3.52	31.73	971602
	mm.	82	48	49	43	52	55	79	79	75	79	76	89	806	
Donaghadee, Old coastguard station	in.	3.40	1.97	2.04	1.77	2.10	2.27	3.30	3.27	3.10	3.27	3.17	3.70	33.36	------
	mm.	86	50	52	45	53	58	84	83	79	83	80	94	847	
Donaghadee, Craigmore	in.	3.39	1.96	2.03	1.76	2.13	2.26	3.26	3.26	3.09	3.25	3.16	3.69	33.24	------
	mm.	86	50	52	45	54	57	83	83	78	82	80	94	844	
Whitespots Reservoir	in.	3.56	2.14	2.18	1.90	2.14	2.39	3.32	3.22	3.18	3.35	3.32	3.87	34.57	971754
	mm.	91	54	56	48	54	61	84	82	81	85	84	98	878	
Dundonald, Moyard	in.	3.69	2.40	2.30	2.04	2.22	2.51	3.41	3.16	3.23	3.48	3.44	3.98	35.86	971901
	mm.	94	61	59	52	56	64	87	80	82	88	87	101	911	

1. From eastern boundary of River Lagan catchment via north Co.Down coast, Ards Peninsula and Strangford Lough.

LAGAN, &c.contd.

RIVER or coastal area TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
coastal[1] contd.															
Reagh Island	in.	2.99	1.85	1.88	1.58	1.94	2.02	2.73	2.73	2.75	2.76	2.82	3.28	29.33	972262
	mm.	76	47	48	40	49	52	69	69	70	70	72	83	745	
Killyleagh Primary School	in.	3.27	2.00	2.06	1.78	2.16	2.22	2.92	2.86	3.02	2.95	3.01	3.49	31.74	972743
	mm.	83	51	52	45	55	56	74	73	77	75	76	89	806	
Moore's Point	in.	3.19	1.95	2.01	1.76	2.10	2.16	2.84	2.78	2.94	2.88	2.91	3.40	30.92	972756
	mm.	81	49	51	45	53	55	72	71	75	73	74	86	785	
QUOILE															
Saintfield House	in.	3.81	2.52	2.48	2.07	2.41	2.55	3.44	3.22	3.37	3.51	3.59	4.03	37.00	------
	mm.	97	64	63	53	61	65	87	82	86	89	91	102	940	
Crossgar	in.	3.77	2.35	2.42	2.05	2.49	2.57	3.37	3.30	3.44	3.41	3.48	3.99	36.54	973505
	mm.	96	60	62	52	63	65	86	84	87	87	88	101	931	
Downpatrick, The Mall	in.	3.54	2.22	2.32	2.01	2.36	2.43	3.16	3.12	3.30	3.19	3.26	3.78	34.69	973718
	mm.	90	56	59	51	60	62	80	79	84	81	83	96	881	
coastal[2]															
Strangford	in.	3.50	2.16	2.23	1.92	2.34	2.44	3.12	3.16	3.26	3.16	3.23	3.81	34.33	------
	mm.	89	55	57	49	59	62	79	80	83	80	82	97	872	
Killough Waterworks	in.	3.31	2.04	2.17	1.88	2.21	2.33	2.85	2.98	3.11	2.95	3.02	3.57	32.42	974209
	mm.	84	52	55	48	56	59	72	75	79	75	77	91	823	
SEAFORDE HOUSE	in.	4.13	2.62	2.73	2.34	2.77	2.82	3.75	3.55	3.89	3.76	3.86	4.37	40.59	974499
	mm.	105	67	69	59	70	72	95	90	99	96	98	111	1031	

1. Continuation of coastal area Strangford Lough to northern boundary of River Quoile catchment.
2. Area from southern boundary of River Quoile catchment to Area boundary, eastern boundary of River Shimna catchment.

TABLE 1.6.

NEWRY AND SOUTHEAST STREAMS[1]

AREA 514·8sq.mi. 1333·3sq.km. STN.Nos. 975100-980351

RIVER or coastal area TRIBUTARY Sub-tributary Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER STATIONS ARE IN NUMERICAL ORDER
coastal[1]															
Foffany Reservoir, No.1[4]	in.	6.91	4.74	5.02	3.93	4.41	4.47	5.83	5.90	6.37	6.51	6.57	7.12	67.78	975115
	mm.	175	120	128	100	112	114	148	150	162	165	167	181	1722	
Tollymore Park	in.	5.23	3.59	3.74	2.98	3.39	3.44	4.51	4.46	4.82	4.87	4.92	5.33	51.28	975205
	mm.	133	91	95	76	86	87	115	113	123	124	125	135	1303	
Newcastle, Spelga Avenue	in.	5.28	3.57	3.67	3.00	3.47	3.62	4.45	4.55	4.92	4.81	4.92	5.48	51.74	975305
	mm.	134	91	93	76	88	92	113	116	125	122	125	139	1314	
Slieve Lamagan[4]	in.	6.95	4.77	5.05	3.95	4.43	4.57	5.79	5.93	6.48	6.48	6.54	7.23	68.17	975449
	mm.	177	121	128	100	112	116	147	151	165	165	166	184	1732	
ANNALONG VALLEY	in.	4.98	3.37	3.59	2.90	3.22	3.54	4.09	4.43	4.63	4.43	4.66	5.18	49.02	975486
	mm.	126	86	91	74	82	90	104	112	118	112	118	132	1245	
Slieve Bearnagh[4]	in.	7.23	4.96	5.25	4.11	4.68	4.75	6.03	6.17	6.73	6.73	6.80	7.44	70.88	975629
	mm.	183	126	133	104	119	121	153	157	171	171	173	189	1800	
Lough Shannagh	in.	6.83	4.69	4.96	3.89	4.36	4.42	5.70	5.83	6.37	6.43	6.50	7.04	67.02	975654
	mm.	173	119	126	99	111	112	145	148	162	163	165	179	1702	
SILENT VALLEY WATERWORKS	in.	5.30	3.58	3.94	2.98	3.29	3.51	4.44	4.61	4.99	4.93	5.01	5.60	52.18	975691
	mm.	135	91	100	76	83	89	113	117	127	125	127	142	1325	
Kilkeel (Coastguards Station)	in.	3.37	2.26	2.40	1.86	2.19	2.50	2.97	3.07	3.20	3.10	3.17	3.64	33.73	975817
	mm.	86	57	61	47	56	64	75	78	81	79	81	92	857	
NEWRY															
BESSBROOK No.1	in.	4.09	2.67	2.62	2.31	2.46	2.76	3.95	3.50	3.74	4.15	3.75	4.38	40.38	977342
	mm.	104	68	67	59	62	70	100	89	95	106	95	111	1026	
Bessbrook No.2	in.	3.98	2.60	2.56	2.24	2.40	2.68	3.86	3.42	3.66	4.05	3.66	4.25	39.36	977343
	mm.	101	66	65	57	61	68	98	87	93	103	93	108	1000	
Newry Abbey	in.	4.00	2.70	2.67	2.23	2.39	2.63	3.64	3.33	3.64	3.96	3.76	4.23	39.18	977410
	mm.	102	68	68	57	61	67	92	85	92	101	95	107	995	
Newry, Bridge Street House[4]	in.	3.90	2.64	2.60	2.18	2.34	2.56	3.56	3.25	3.56	3.87	3.67	4.13	38.26	977435
	mm.	99	67	66	56	60	65	90	83	90	98	93	105	972	
CASTLETOWN															
Annaghmare	in.	3.69	2.37	2.37	2.08	2.34	2.48	3.50	3.14	3.43	3.72	3.32	4.05	36.49	----
	mm.	94	60	60	53	59	63	89	80	87	95	84	103	927	

1. All streams in area from northern boundary of River Shimna via southeast Co.Down coast to eastern boundary of River Newry catchment, and streams west of the River Newry catchment with estuaries in the Republic of Ireland.

4. Data reviewed 4/1967 to obtain this average.

ERNE AND WESTERN STREAMS

AREA 1812·3 sq.mi. 4693·8 sq.km.

STN. Nos. 980500-998985

RIVER or coastal area / TRIBUTARY / Sub-tributary / Sub-sub-tributary		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	YEAR	STATION NUMBER (STATIONS ARE IN NUMERICAL ORDER)
SHANNON[1]															
DROWES															
BRADOGE															
ERNE[2]															
CROM CASTLE	in.	3.98	2.71	2.58	2.21	2.65	3.02	3.86	3.50	3.67	3.75	3.65	4.28	39.86	990798
	mm.	101	69	65	56	67	77	98	89	93	95	93	109	1012	
COLEBROOKE															
Alderwood Waterworks	in.	4.05	2.91	2.57	2.49	2.57	3.20	4.26	3.67	3.96	3.92	3.92	4.64	42.16	991610
	mm.	103	74	65	63	65	81	108	93	101	100	100	118	1071	
COLEBROOKE	in.	3.95	2.82	2.52	2.39	2.50	3.12	4.14	3.59	3.97	3.82	3.87	4.69	41.38	991723
	mm.	100	72	64	61	64	79	105	91	101	97	98	119	1051	
ARNEY															
Florence Court[4] [No.2]	in.	4.93	3.38	3.10	2.82	2.96	3.38	4.27	3.57	4.32	4.23	4.56	5.45	46.97	994391
	mm.	125	86	79	72	75	86	108	91	110	107	116	138	1193	
[c]**ERNE**[3]															
Castle Coole	in.	3.77	2.64	2.37	2.26	2.33	2.92	3.89	3.34	3.73	3.66	3.69	4.28	38.88	994581
	mm.	96	67	60	57	59	74	99	85	95	93	94	109	988	
Bellevue	in.	3.69	2.59	2.32	2.21	2.28	2.85	3.81	3.27	3.65	3.58	3.62	4.19	38.06	994688
	mm.	94	66	59	56	58	72	97	83	93	91	92	106	967	
Portora Royal School	in.	3.64	2.55	2.29	2.18	2.25	2.81	3.75	3.23	3.60	3.53	3.57	4.13	37.53	995503
	mm.	93	65	58	55	57	71	95	82	91	90	91	105	953	
Portora Sluice	in.	4.07	2.85	2.52	2.43	2.52	3.14	4.19	3.60	4.02	3.98	3.98	4.61	41.91	995504
	mm.	103	72	64	62	64	80	107	92	102	101	101	117	1065	
Breagho Bridge	in.	4.12	2.89	2.55	2.47	2.55	3.14	4.25	3.70	4.08	4.04	4.04	4.67	42.50	995576
	mm.	104	73	65	63	65	80	108	94	104	102	102	119	1079	
Rossfad	in.	4.07	2.88	2.54	2.42	2.50	3.14	4.24	3.69	4.11	4.07	4.07	4.67	42.40	------
	mm.	103	73	65	61	64	80	108	94	104	103	103	119	1077	
BALLINAMALLARD															
Irvinestown Police Station	in.	4.02	2.85	2.47	2.39	2.47	3.06	4.19	3.65	4.11	4.06	4.02	4.61	41.90	996140
	mm.	102	72	63	61	63	78	106	93	104	103	102	117	1064	
[c]**ERNE**[5]															
Ely Lodge	in.	4.06	2.88	2.54	2.41	2.50	3.13	4.23	3.68	4.10	4.06	4.06	4.65	42.30	996317
	mm.	103	73	65	61	64	80	107	93	104	103	103	118	1074	
Castle Archdale [Met.Office]	in.	3.89	2.72	2.39	2.31	2.35	2.96	4.06	3.53	3.98	3.98	3.93	4.46	40.56	------
	mm.	99	69	61	59	60	75	103	89	101	101	100	113	1030	
Castle Archdale Forest[4]	in.	4.21	2.94	2.59	2.50	2.54	3.20	4.38	3.81	4.30	4.30	4.25	4.82	43.84	996613
	mm.	107	75	66	64	65	81	111	97	109	109	108	122	1114	
ROSCOR	in.	4.73	3.24	2.94	2.76	2.93	3.64	4.90	4.48	4.93	4.99	4.81	5.41	49.76	998294
	mm.	120	82	75	70	75	92	125	114	125	127	122	137	1264	
BELLEEK	in.	4.61	3.33	2.83	2.74	2.77	3.62	4.91	4.31	4.77	4.88	4.76	5.31	48.84	998318
	mm.	117	85	72	70	70	92	125	109	121	124	121	135	1241	

1. 1.4 sq.mi. of R.Shannon catchment within Northern Ireland included in this Area for administrative purposes
2. A large part of the River Erne catchment is within the Republic of Ireland. This section includes Upper Lough Erne, and via the River Arney Loughs MacNean.
3. Includes Lower Lough Erne.
4. Data reviewed 4/1967 to obtain this average.
5. The estuary of the River Erne is in the Republic of Ireland.

PRIMARY SURVEY ANNUAL AVERAGE RAINFALL

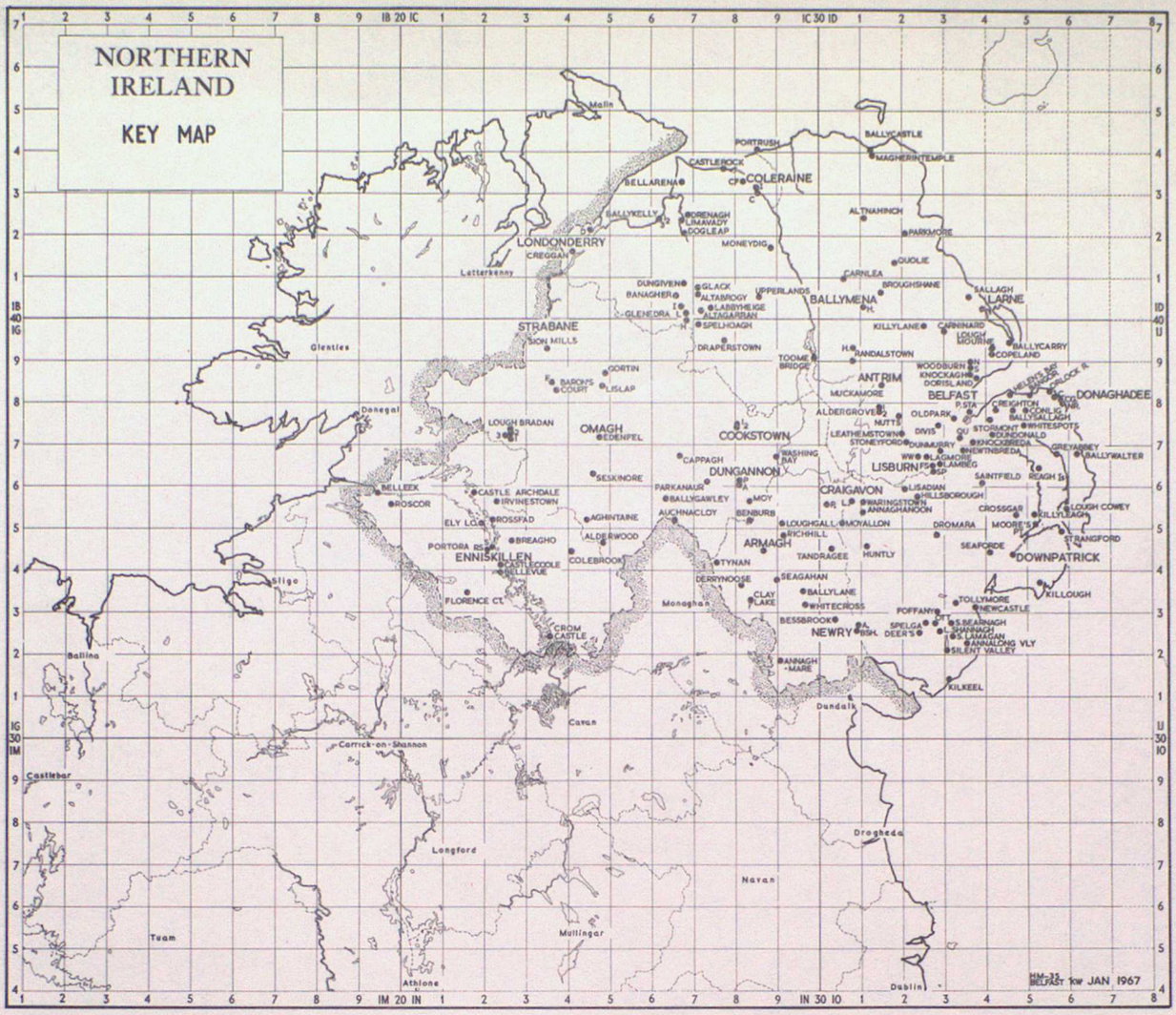
RELATIONSHIP OF DECADES TO FULL 30-yr PERIOD

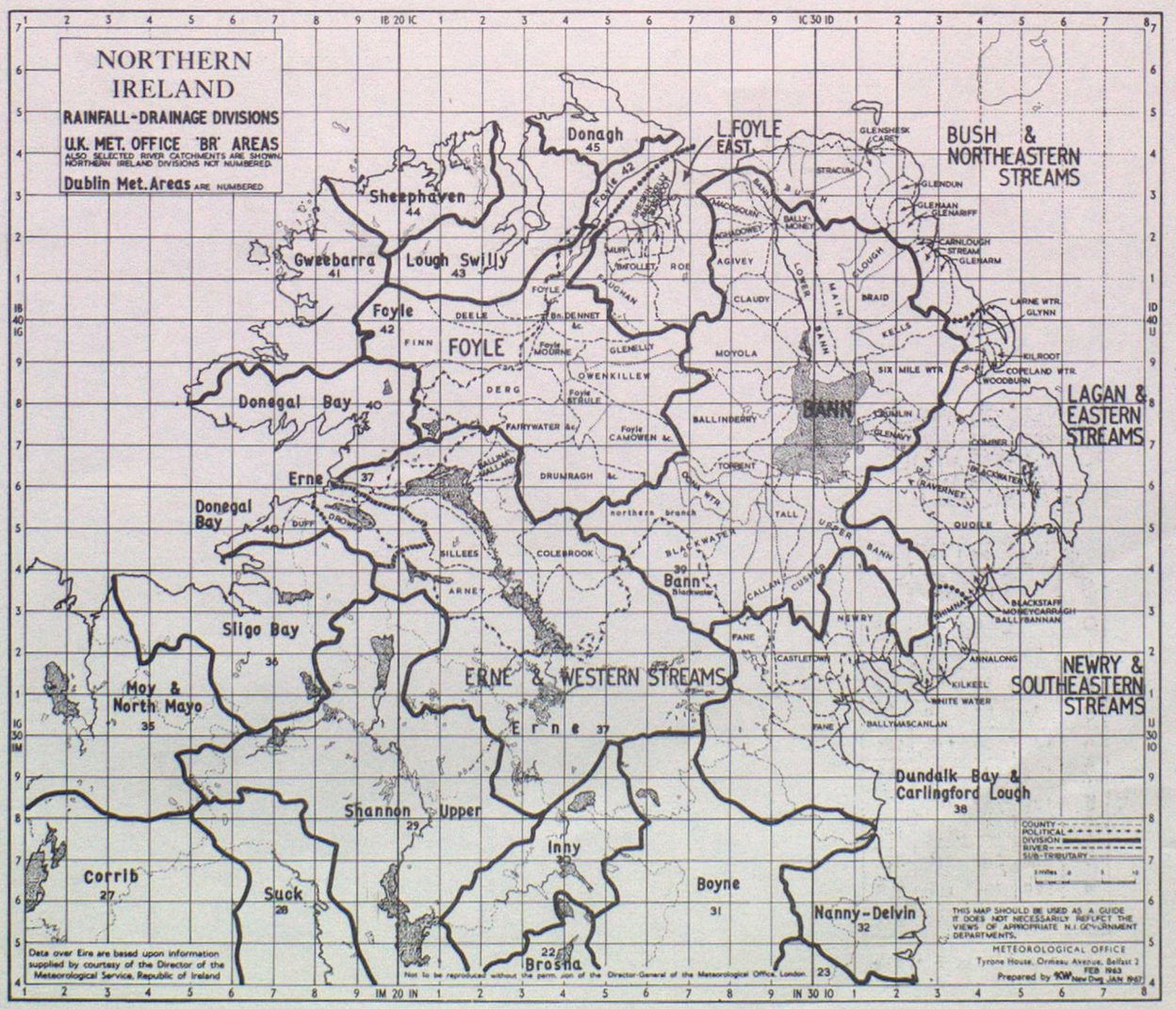
MONTHLY TABLE	STATION NAME	1931-40		1941-50		1951-60		1931-60
		Decadal Mean (in.)	Per cent of 30yr	Decadal Mean (in.)	Per cent of 30yr	Decadal Mean (in.)	Per cent of 30yr	30-yr. Average
1.1	Creggan Res.No.1	44.83	100.4	47.66	106.8	41.43	92.8	44.64
	Edenfel	41.27	98.4	43.50	103.7	41.03	97.9	41.93
	Sion Mills	40.55	97.7	43.79	105.5	40.21	96.9	41.51
1.2	Glack Burn	52.90	97.1	55.96	102.7	54.64	100.3	54.50
	Altabrogy Burn	58.38	101.7	57.75	100.6	56.04	97.6	57.39
	Glenedra Hill	64.95	99.4	68.59	105.0	62.39	95.5	65.31
	Glenedra Lodge	60.08	100.5	61.69	103.2	57.61	96.4	59.79
	Altagarran Mtn.	58.21	101.1	58.18	101.0	56.37	97.9	57.58
	Glenedra Intake	56.43	99.8	59.88	105.9	53.25	94.2	56.52
	Drenagh	33.99	91.6	38.49	103.8	38.81	104.6	37.09
1.3	Tynan Abbey	33.47	98.8	34.64	102.3	33.47	98.8	33.86
	Armagh	32.38	96.9	33.75	101.0	34.16	102.2	33.43
	Dungannon, Aloha	41.62	102.1	41.77	102.5	38.92	95.5	40.77
	Richhill, Sandymount	32.13	97.9	31.96	97.4	34.36	104.7	32.82
	Stoneyford Res. No.1	39.03	96.8	41.77	103.5	40.20	99.7	40.34
	Quolie Reservoir	56.27	104.9	53.03	98.8	51.70	96.3	53.66
	Ballymena, Harryville	42.88	104.1	42.18	102.4	38.57	93.6	41.21
	Aldergrove No.1	33.64	101.0	34.23	102.8	32.03	96.2	33.30
	Upperlands	42.09	100.5	43.23	102.7	41.01	97.4	42.11
	Moneydig	39.02	96.4	42.00	103.7	40.45	99.9	40.49
	Coleraine, The Cutts	36.79	94.0	40.73	104.1	39.84	101.8	39.12
	Coleraine, Ingledene	36.67	94.5	40.18	103.5	39.57	102.0	38.81
1.4	Sallagh Spring	49.27	100.1	48.41	98.3	50.03	101.6	49.24
1.5	Lough Mourne Res.	42.04	95.3	45.73	103.6	44.64	101.2	44.13
	Copeland Reservoir	40.04	96.9	42.03	101.7	41.90	101.4	41.32
	Woodburn, North	46.21	98.3	49.07	104.4	45.75	97.3	47.01
	Woodburn, South	45.39	98.2	49.09	106.2	44.15	95.5	46.21
	Dorisland Reservoir	38.96	95.9	41.91	103.1	41.05	101.0	40.64
	Dromara Police Sta.	39.06	97.1	39.73	98.7	41.93	104.2	40.24
	Annaghanoon	31.42	96.5	33.24	102.1	33.00	101.4	32.55
	Waringstown Forge	32.02	96.9	33.97	102.8	33.12	100.2	33.04
	Hillsborough	34.07	96.8	35.99	102.3	35.49	100.9	35.18
	Lisburn Waterworks	38.74	101.1	40.29	105.1	35.99	93.9	38.34
	Belfast, Queens Univ.	37.98	102.6	37.85	101.7	35.84	96.3	37.22
	Oldpark Filters	39.12	92.9	44.98	106.8	42.29	100.4	42.13
	Orlock Reservoir	31.43	100.2	31.52	100.5	31.14	99.3	31.37
	Ballywalter Park	33.27	98.2	33.97	100.3	34.42	101.6	33.89
	Seaforde House	39.92	98.3	41.24	101.6	40.62	100.1	40.59
1.6	Annalong Valley	50.61	103.2	48.37	98.7	48.08	98.1	49.02
	Silent Valley WW	53.42	102.4	51.63	98.9	51.50	98.7	52.18
	Bessbrook No.1	38.96	96.5	41.18	102.0	40.99	101.5	40.38
1.7	Crom Castle	39.12	98.1	40.41	101.4	40.06	100.5	39.86
	Colebrooke	41.03	99.2	42.35	102.3	40.76	98.5	41.38
	Roscor	49.88	100.2	51.56	103.6	47.82	96.1	49.76
	Belleek	48.14	98.6	50.85	104.1	47.52	97.3	48.84

PRIMARY SURVEY
MONTHLY AVERAGE RAINFALL EXPRESSED AS PERCENTAGE OF ANNUAL AVERAGE

	STATION NAME	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC
1.1	Creggan Res.No.1	10.1	7.0	5.7	6.1	5.9	7.4	9.9	8.7	9.6	10.1	9.1	10.4
	Edenfel	9.7	7.0	6.2	5.7	6.2	7.4	9.5	8.7	9.1	9.9	9.4	11.2
	Sion Mills	10.1	7.1	6.0	5.7	5.9	7.0	9.5	8.4	9.5	10.1	9.5	11.2
1.2	Glack Burn	10.3	7.4	6.2	6.2	6.0	6.7	9.7	8.0	8.9	9.7	9.5	11.4
	Altabrogy Burn	10.5	7.3	6.4	6.2	6.0	6.7	9.4	7.9	8.9	9.7	9.4	11.6
	Glenedra Hill	9.7	7.6	6.2	6.4	5.6	6.8	9.8	8.6	9.2	10.0	9.2	10.9
	Glenedra Lodge	10.1	7.1	6.1	6.4	6.0	6.7	9.5	8.1	9.1	10.0	9.6	11.3
	Altagarran Mtn.	10.0	6.9	6.2	6.2	6.2	7.0	9.7	8.3	9.1	10.0	9.5	10.9
	Glenedra Intake	10.4	7.3	6.3	6.4	6.0	6.7	9.6	8.0	8.7	9.6	9.6	11.4
	Drenagh	9.8	6.9	5.6	6.0	5.9	7.1	10.4	8.7	9.4	10.2	9.5	10.5
1.3	Tynan Abbey	9.3	6.5	6.2	5.9	6.4	8.1	10.6	9.4	9.0	9.4	8.7	10.5
	Armagh	9.2	6.4	6.0	6.0	6.6	8.1	10.9	9.5	8.8	9.5	8.5	10.5
	Dungannon, Aloha	9.4	6.4	6.4	6.1	6.3	7.8	10.5	8.9	9.0	9.8	8.9	10.5
	Richhill,Sandymount	9.4	6.3	5.8	5.8	6.8	7.8	11.2	10.1	9.0	9.4	8.4	10.0
	Stoneyford Res.No.1	9.5	6.4	6.3	5.9	6.3	7.6	10.6	9.5	9.1	9.6	8.8	10.4
	Quolie Reservoir	9.7	6.9	6.2	6.2	6.0	7.3	9.8	8.9	9.6	9.6	9.5	10.3
	Ballymena,Harryville	9.8	6.7	5.9	5.8	6.1	7.3	9.9	9.1	9.4	10.1	9.0	10.9
	Aldergrove No.1	9.5	6.1	5.9	5.7	6.2	8.0	11.1	9.0	9.5	9.8	8.6	10.6
	Upperlands	9.8	7.3	6.0	6.1	6.1	6.9	9.7	8.2	9.2	9.9	9.5	11.3
	Moneydig	10.3	7.0	5.4	5.8	5.9	7.4	10.0	8.6	9.5	9.9	9.2	11.0
	Coleraine,The Cutts	10.2	6.9	5.4	6.0	5.6	7.1	10.3	9.0	9.7	9.9	9.3	10.6
	Coleraine,Ingledene	10.1	6.9	5.2	6.0	5.7	7.1	10.5	9.1	9.5	10.0	9.3	10.6
1.4	Sallagh Spring	10.1	7.1	6.2	5.9	6.0	6.9	8.6	8.5	9.5	10.2	9.8	11.2
1.5	Lough Mourne Res.	9.8	6.8	5.9	6.0	6.1	7.6	9.9	9.1	9.2	9.7	9.3	10.6
	Copeland Res.	9.8	6.7	6.0	5.9	6.2	7.6	9.9	9.2	9.0	9.8	9.3	10.6
	Woodburn, North	9.6	6.5	6.1	6.2	6.3	7.6	10.0	9.2	9.2	9.9	9.1	10.3
	Woodburn, South	9.7	6.7	6.0	6.2	6.2	7.4	10.0	9.1	9.2	9.8	9.2	10.5
	Dorisland Res.	9.7	6.8	6.1	6.3	6.2	7.6	10.0	8.9	9.0	9.7	9.2	10.5
	Dromara Police Sta.	9.8	7.0	6.8	5.7	6.7	6.9	9.2	9.2	9.1	9.4	9.7	10.5
	Annaghanoon	9.2	6.1	6.2	5.4	6.0	8.2	11.0	10.3	9.5	9.7	8.3	10.1
	Waringstown Forge	9.2	6.0	6.1	5.5	6.0	8.2	11.0	10.2	9.5	9.7	8.4	10.2
	Hillsborough	9.5	6.1	6.1	5.7	6.1	7.6	10.0	10.2	9.6	9.5	9.2	10.4
	Lisburn Waterworks	9.6	6.3	6.4	6.1	6.2	7.5	10.6	9.5	8.9	9.5	8.9	10.5
	Belfast, Queens Un	10.3	7.0	6.3	5.9	5.9	7.0	9.4	9.1	8.9	9.6	9.6	11.0
	Oldpark Filters	10.0	6.9	6.2	6.0	6.1	7.5	9.6	8.9	9.1	9.3	9.3	11.1
	Orlock Reservoir	10.3	5.9	6.1	5.3	6.2	6.8	9.9	9.8	9.3	9.9	9.5	11.0
	Ballywalter Park	10.1	6.0	6.3	5.4	6.7	6.9	9.3	9.6	9.4	9.4	9.6	11.3
	Seaforde House	10.2	6.5	6.7	5.8	6.8	6.9	9.2	8.7	9.6	9.3	9.5	10.8
1.6	Annalong Valley	10.2	6.9	7.3	5.9	6.6	7.2	8.3	9.0	9.5	9.0	9.5	10.6
	Silent Valley WW	10.2	6.9	7.5	5.7	6.3	6.7	8.5	8.8	9.6	9.5	9.6	10.7
	Bessbrook No.1	10.1	6.6	6.5	5.7	6.1	6.8	9.8	8.7	9.3	10.3	9.3	10.8
1.7	Crom Castle	10.0	6.8	6.5	5.5	6.6	7.6	9.7	8.8	9.2	9.4	9.2	10.7
	Colebrooke	9.6	6.8	6.1	5.8	6.0	7.5	10.0	8.7	9.6	9.2	9.4	11.3
	Roscor	9.5	6.5	5.9	5.6	5.9	7.3	9.8	9.0	9.9	10.0	9.7	10.9
	Belleek	9.4	6.8	5.9	5.6	5.7	7.4	10.0	8.8	9.8	10.0	9.7	10.9

These data when plotted along with similar data from the Republic of Ireland were used in the preparation of the isopercental maps printed at the back of this Memorandum on the pale blue pages.


NORTHERN IRELAND
KEY MAP
LONDONDERRY
COLERAINE
BALLYMENA
LARNE
STRABANE
ANTRIM
BELFAST
DONAGHADEE
OMAGH
COOKSTOWN
DUNGANNON
LISBURN
CRAIGAVON
ENNISKILLEN
ARMAGH
DOWNPATRICK
NEWRY
Malin
Letterkenny
Glenties
Donegal
Sligo
Ballina
Castlebar
Carrick-on-Shannon
Longford
Cavan
Monaghan
Dundalk
Drogheda
Navan
Mullingar
Athlone
Tuam
Dublin
HM-35 BELFAST KW JAN 1967


NORTHERN IRELAND
RAINFALL-DRAINAGE DIVISIONS
U.K. MET. OFFICE 'BR' AREAS
ALSO SELECTED RIVER CATCHMENTS ARE SHOWN. NORTHERN IRELAND DIVISIONS NOT NUMBERED.
Dublin Met. Areas ARE NUMBERED
Donagh 45
L. FOYLE EAST
BUSH & NORTHEASTERN STREAMS
Sheephaven 44
Gweebarra 41
Lough Swilly 43
Foyle 42
FOYLE
Donegal Bay 40
Erne 37
Donegal Bay 40
BANN
LAGAN & EASTERN STREAMS
Bann 39
Sligo Bay 36
Moy & North Mayo 35
ERNE & WESTERN STREAMS
Erne 37
NEWRY & SOUTHEASTERN STREAMS
Dundalk Bay & Carlingford Lough 38
Shannon Upper 29
Inny 30
Corrib 27
Suck 28
Boyne 31
Nanny-Delvin 32
Brosna 22
23
COUNTY
POLITICAL
DIVISION
RIVER
SUB-TRIBUTARY
THIS MAP SHOULD BE USED AS A GUIDE IT DOES NOT NECESSARILY REFLECT THE VIEWS OF APPROPRIATE N.I. GOVERNMENT DEPARTMENTS.
METEOROLOGICAL OFFICE
Tyrone House, Ormeau Avenue, Belfast 2
Prepared by KW FEB 1963 New Dwg JAN 1967
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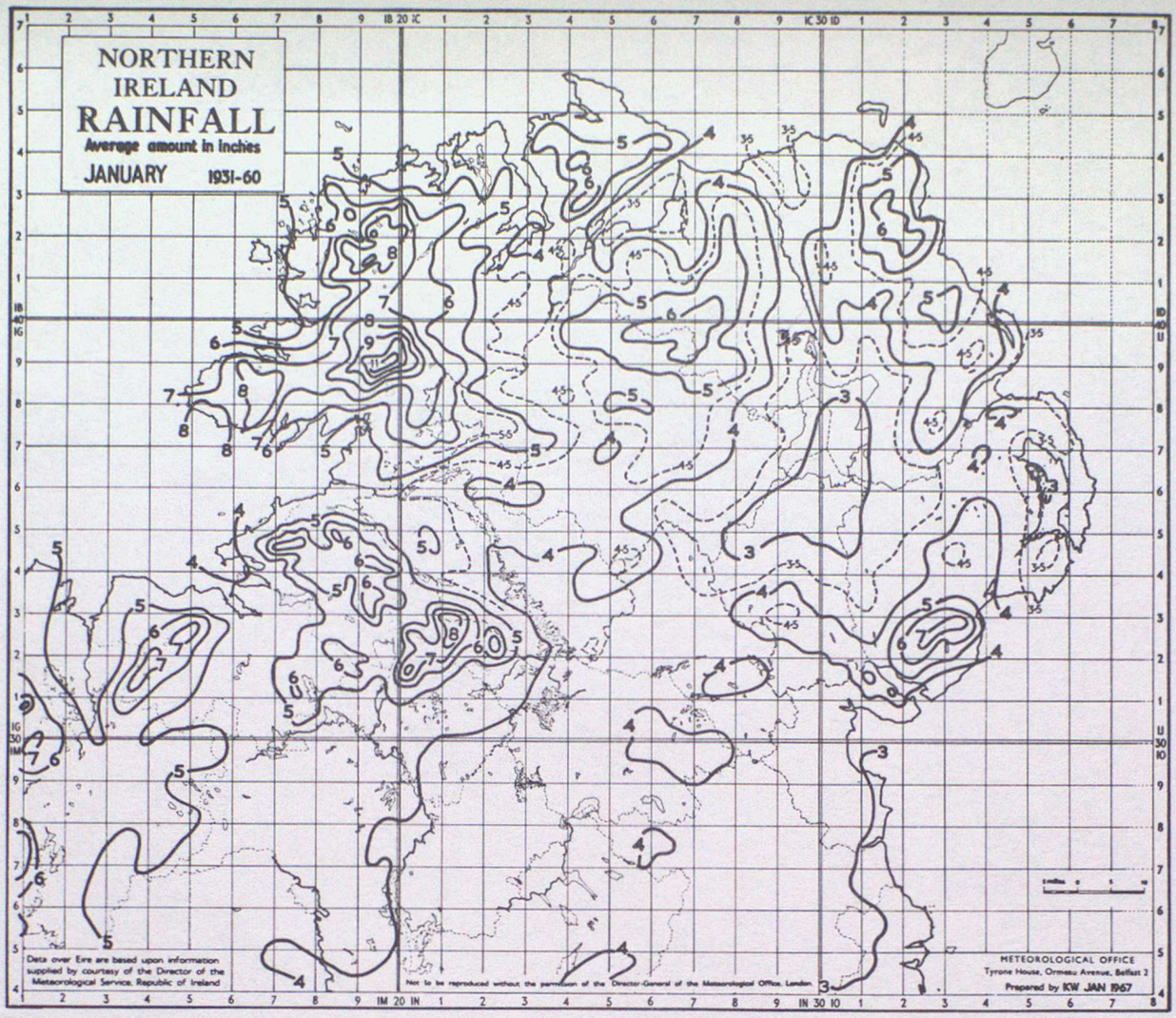
CONVERSION TABLE

ISOHYETS IN INCHES TO NEAREST WHOLE MILLIMETRE
at 0·25 in. intervals

INCH	·00	·25	·50	·75
	NEAREST WHOLE MILLIMETRE			
0		6	13	19
1	25	32	38	44
2	51	57	63	70
3	76	83	89	95
4	102	108	114	121
5	127	133	140	146
6	152	159	165	171
7	178	184	191	197
8	203	210	216	222
9	229	235	241	248
10	254	260	267	273

EXAMPLE: 4·50 in. = 114 mm.


NORTHERN
IRELAND
RAINFALL
Average amount in inches
JANUARY 1931-60
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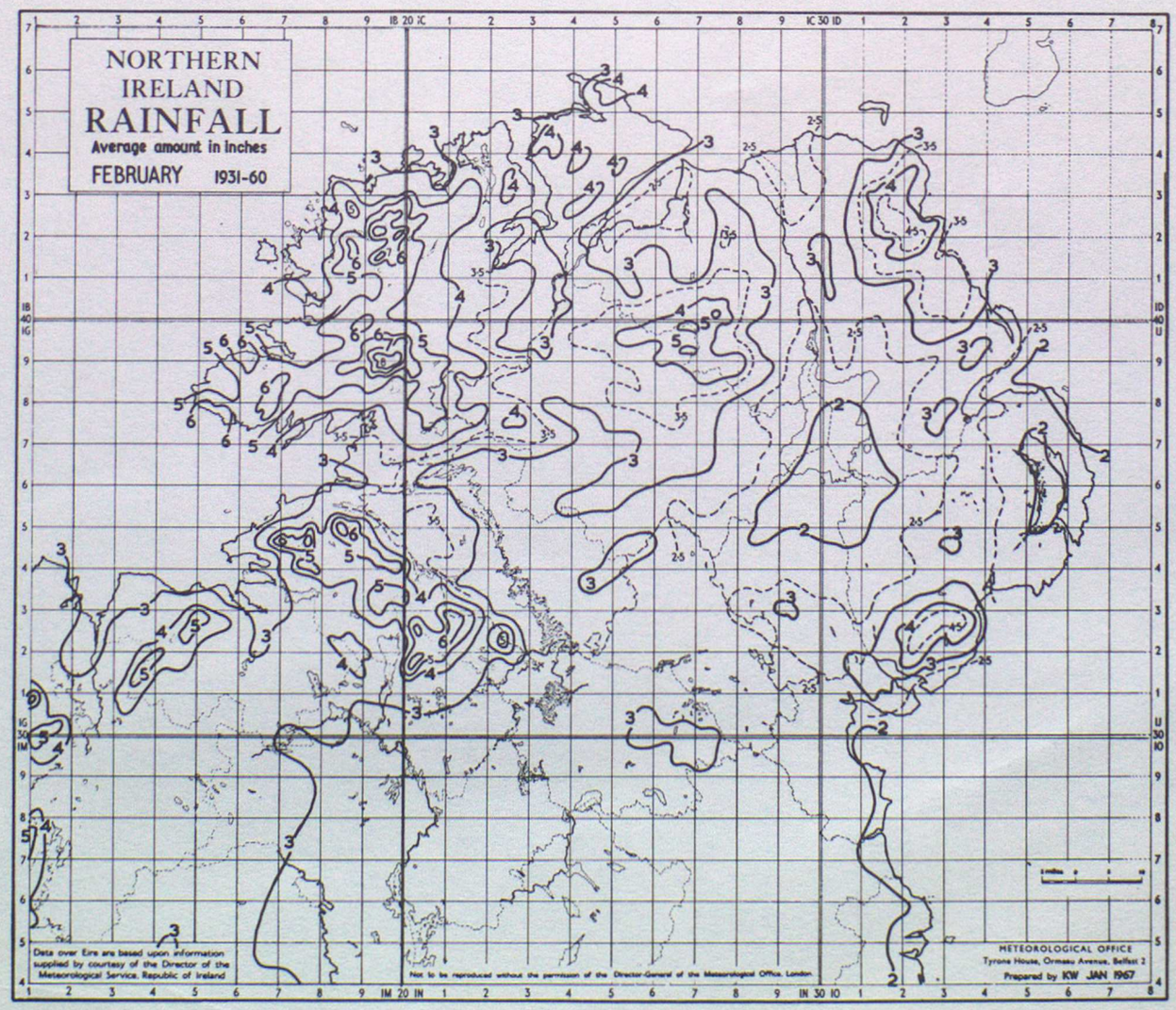
NORTHERN
IRELAND
RAINFALL
Average amount in inches
FEBRUARY 1931-60
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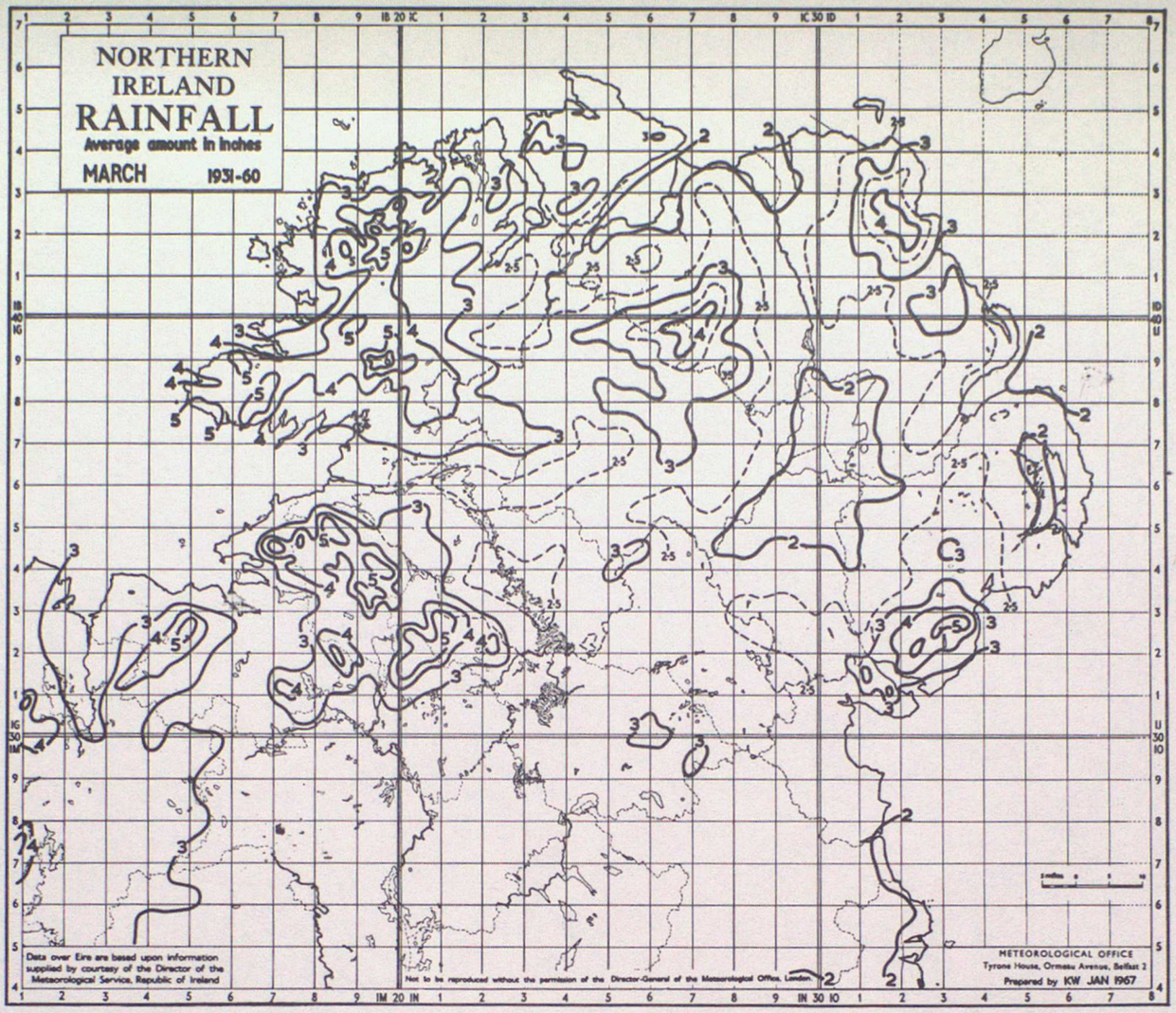
NORTHERN
IRELAND
RAINFALL
Average amount in inches
MARCH 1931-60
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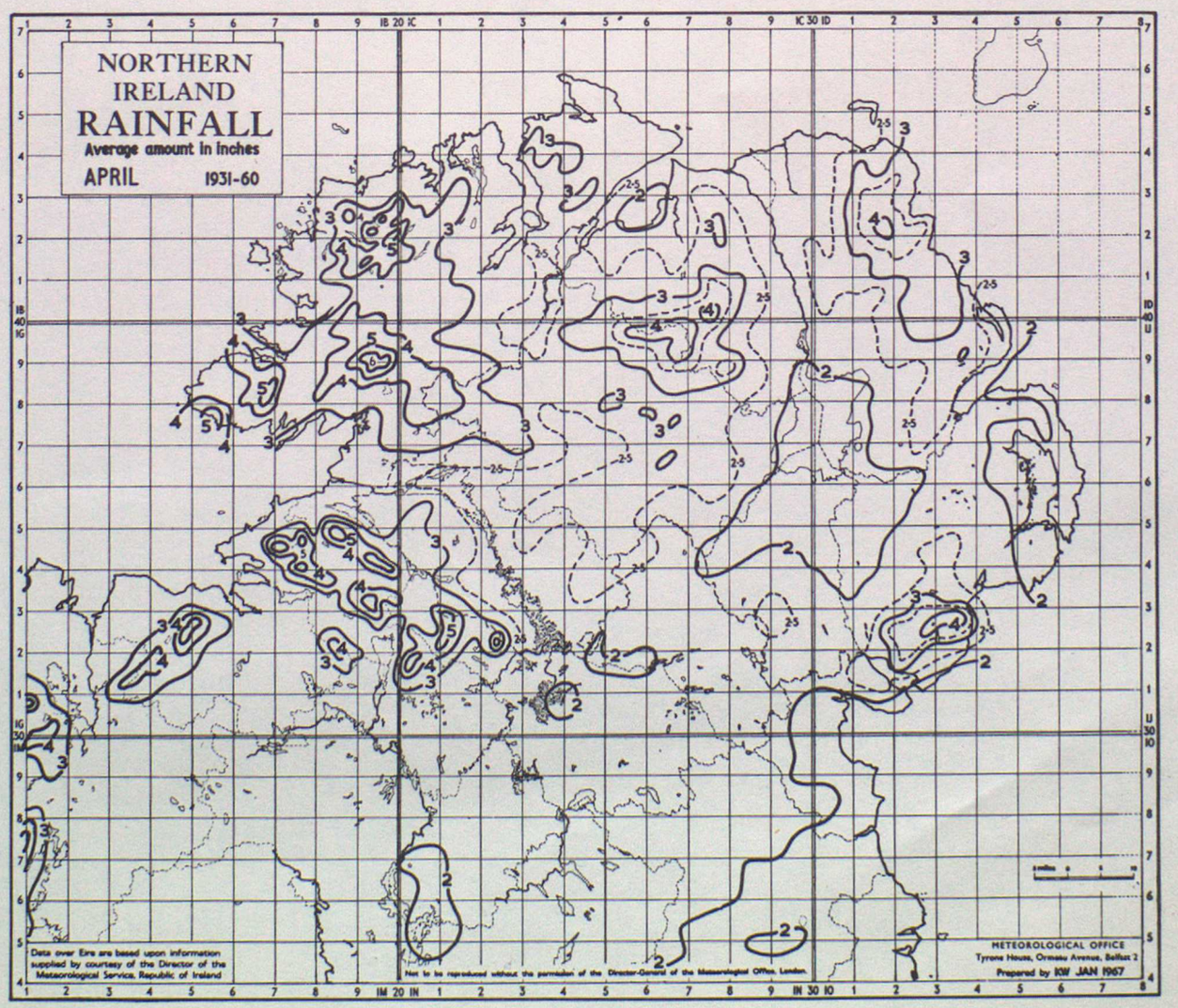
Prepared by KW JAN 1967


NORTHERN
IRELAND
RAINFALL
Average amount in inches
APRIL 1931-60
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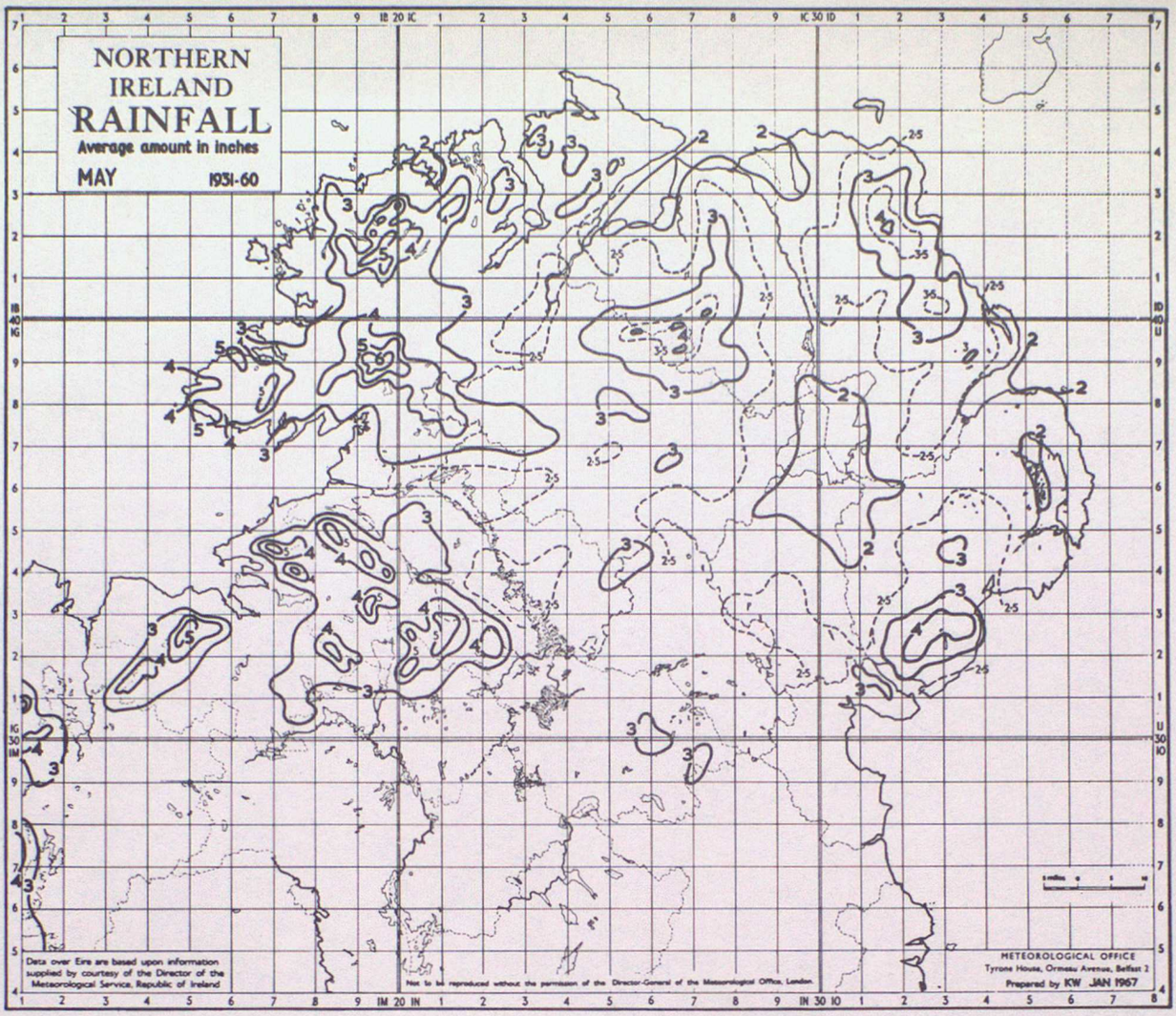
NORTHERN
IRELAND
RAINFALL
Average amount in inches
MAY 1931-60
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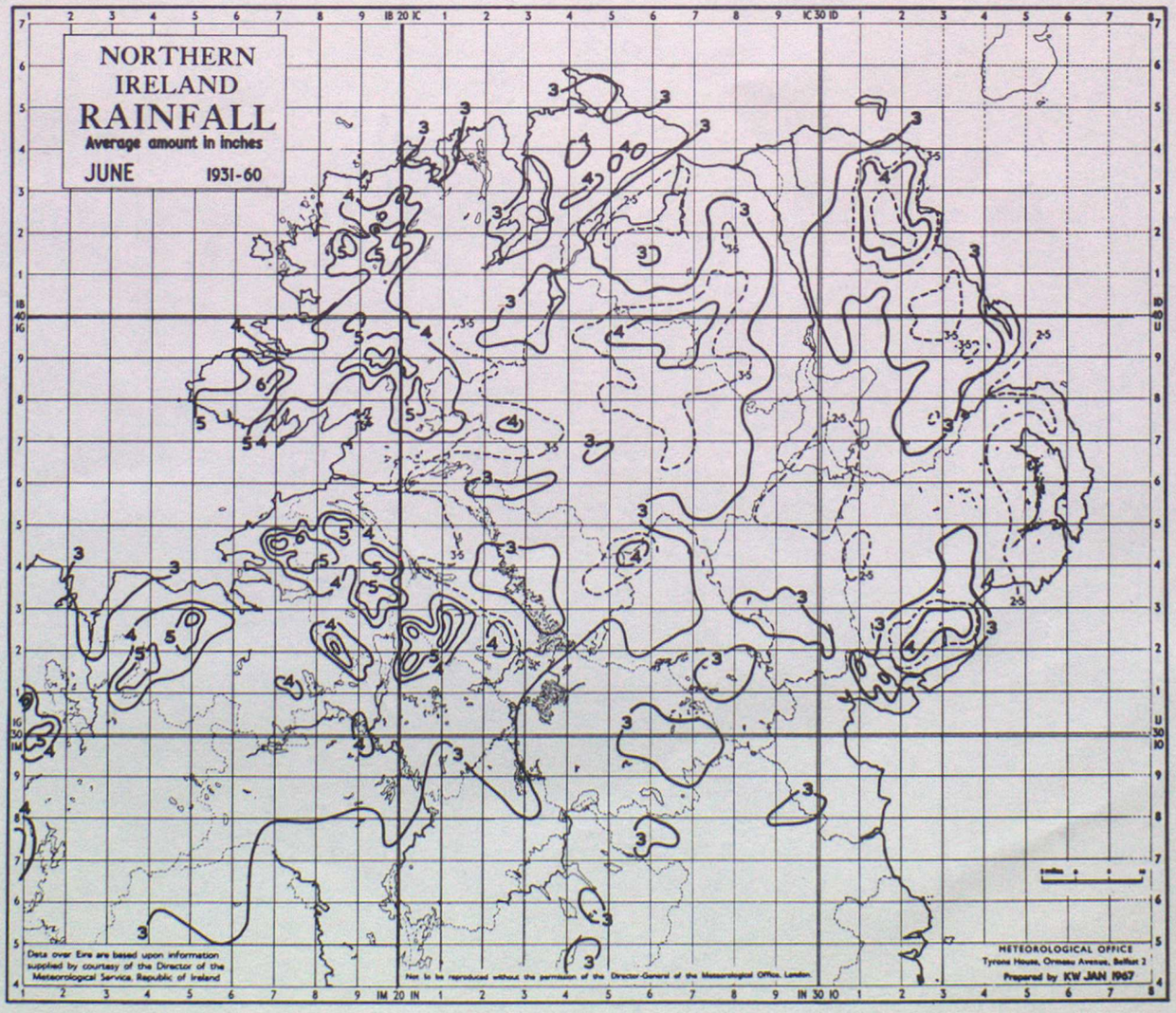
NORTHERN
IRELAND
RAINFALL
Average amount in inches
JUNE 1931-60
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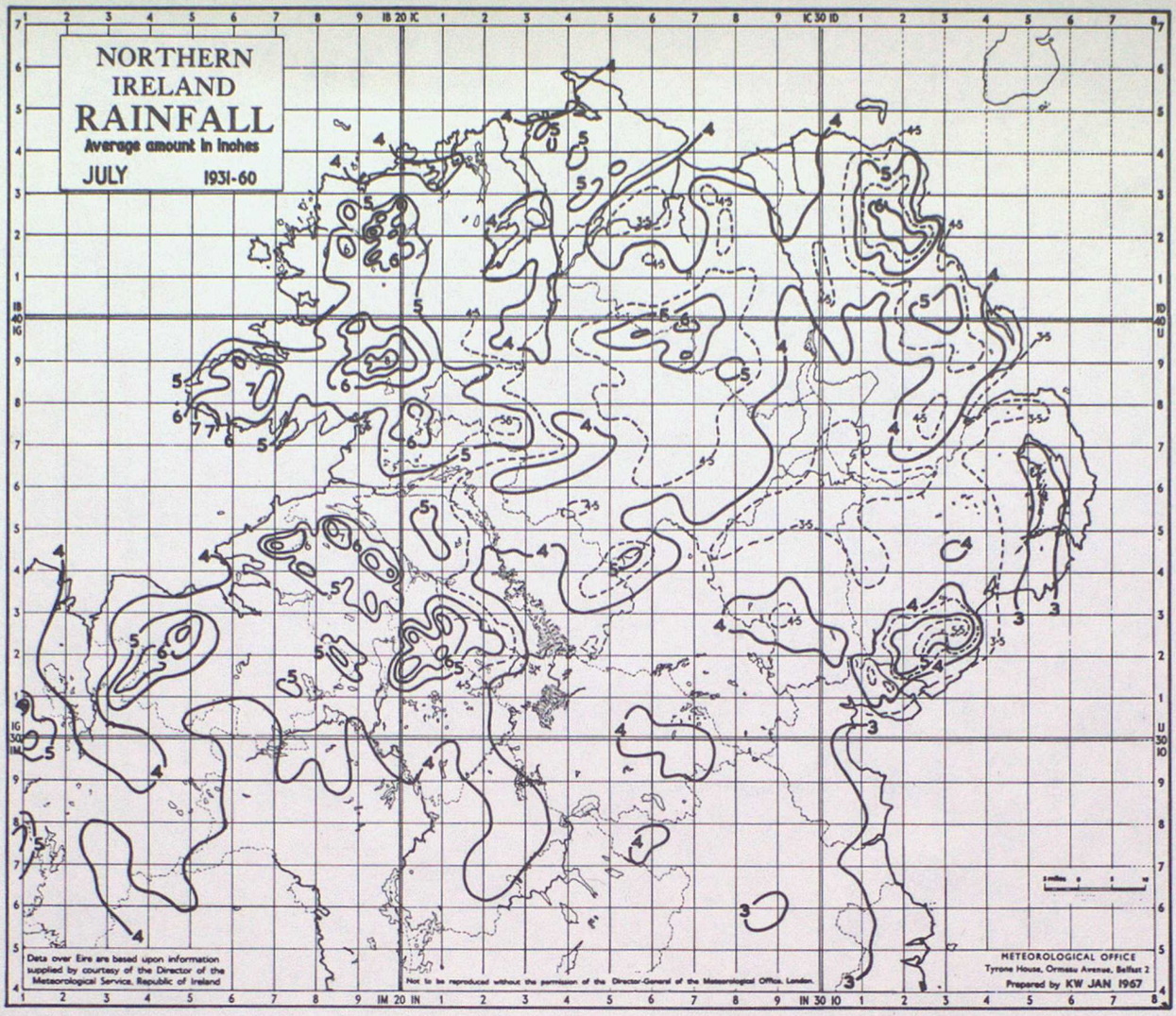
NORTHERN
IRELAND
RAINFALL
Average amount in inches
JULY 1931-60
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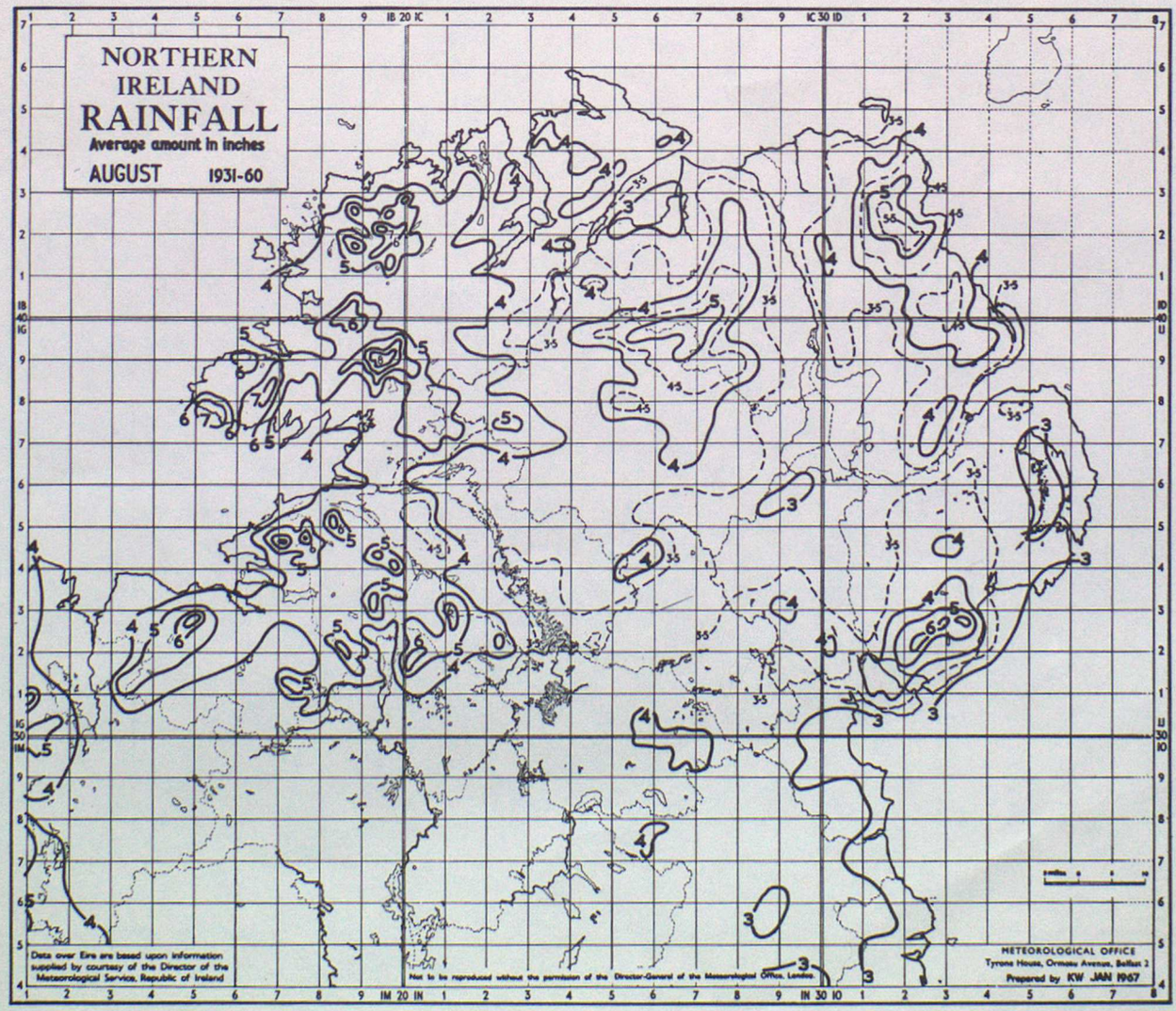
NORTHERN
IRELAND
RAINFALL
Average amount in inches
AUGUST 1931-60
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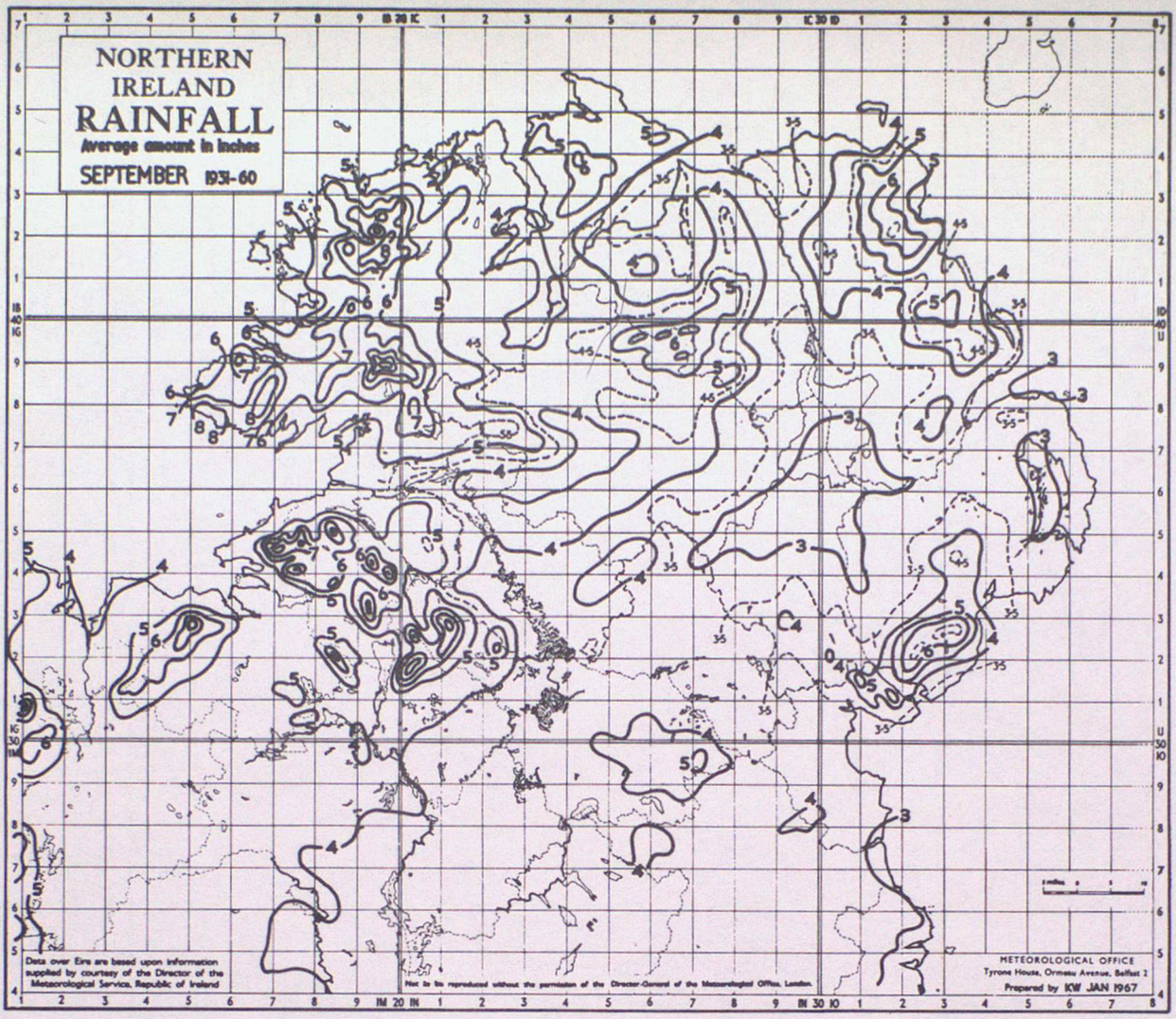
NORTHERN
IRELAND
RAINFALL
Average amount in inches
SEPTEMBER 1931-60
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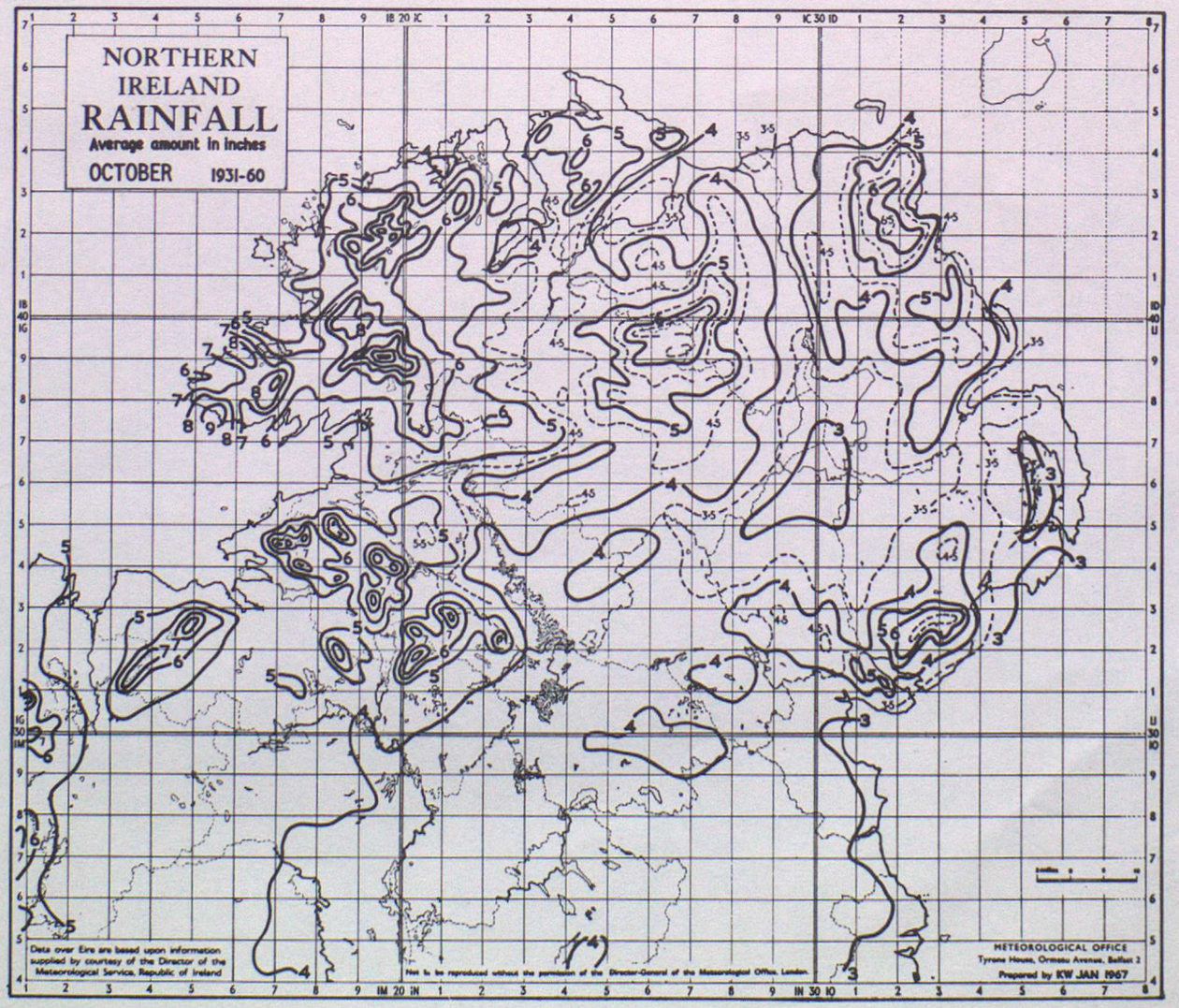
NORTHERN
IRELAND
RAINFALL
Average amount in inches
OCTOBER 1931-60
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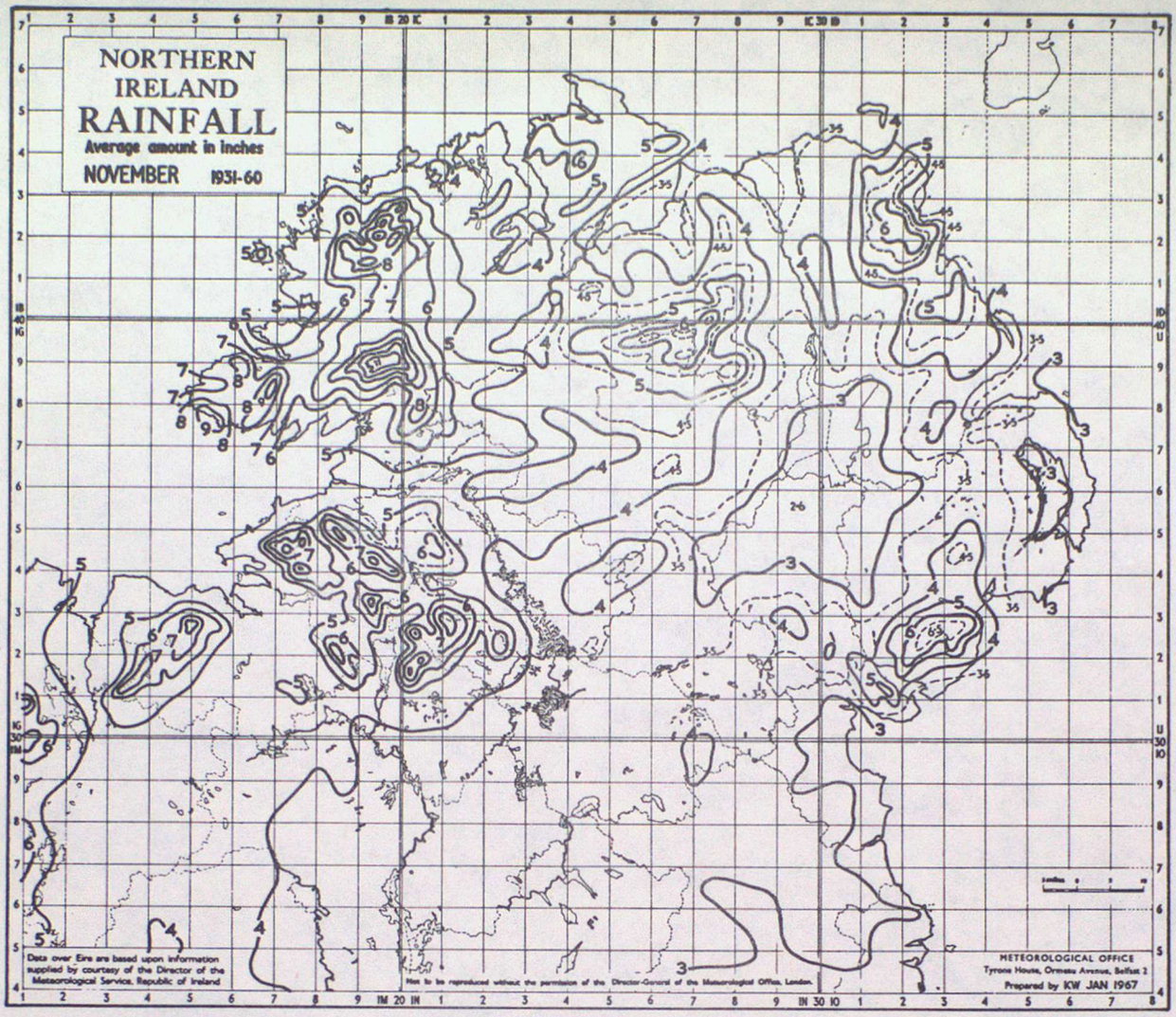
NORTHERN
IRELAND
RAINFALL
Average amount in inches
NOVEMBER 1931-60
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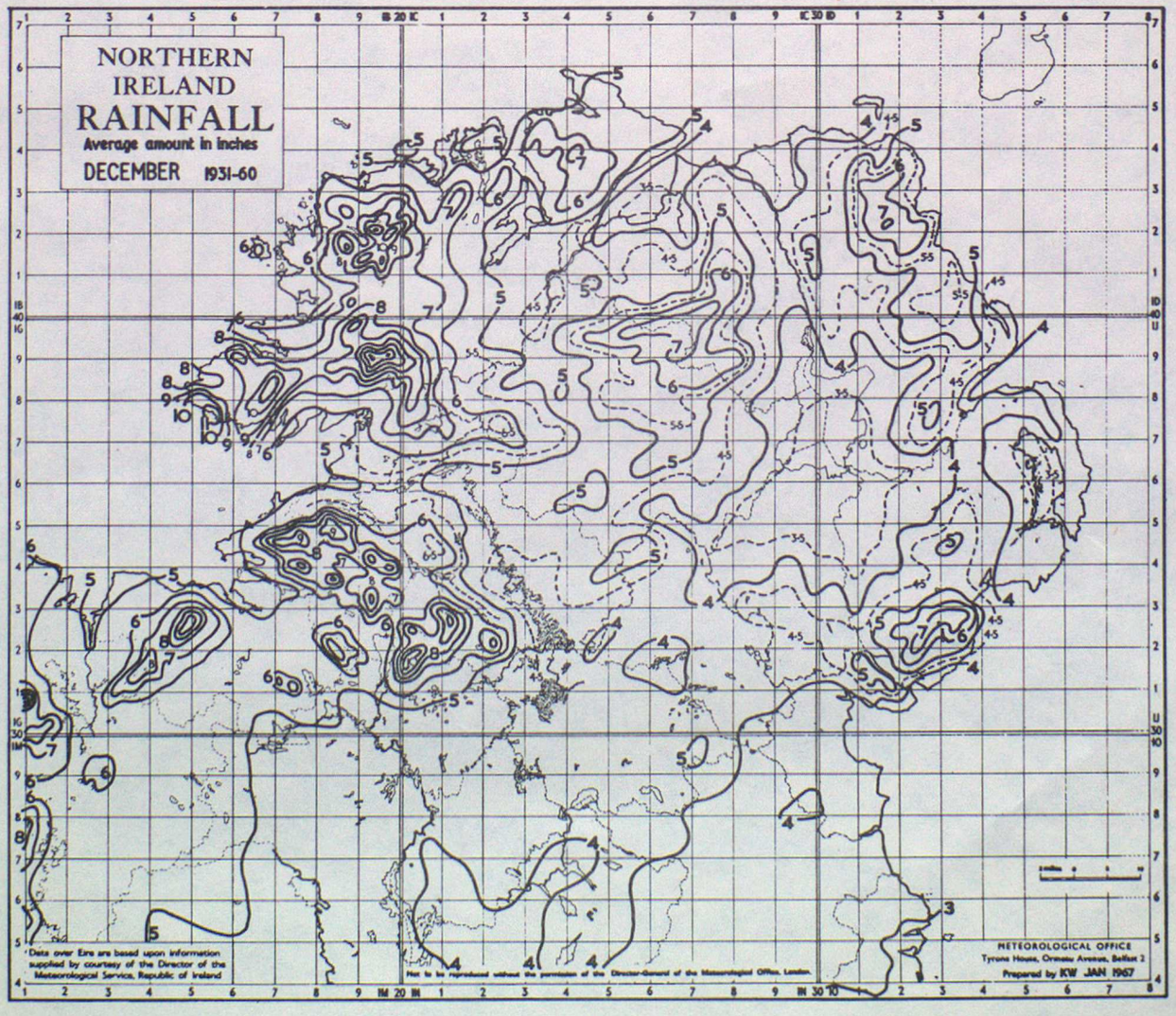
NORTHERN
IRELAND
RAINFALL
Average amount in inches
DECEMBER 1931-60
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NORTHERN IRELAND

RAINFALL

ANNUAL AVERAGE AMOUNT

INCHES 1931-1960

APPROX. METRIC EQUIVALENTS

in.	mm.
30	750
35	875
40	1000
45	1125
50	1250
55	1375
60	1500
70	1750
80	2000
90	2250
100	2500

200 500 1,000 1,500 ft.

5 miles 0 5 10

Scale 1:625,000 with Irish Grid

RAINFALL

ANNUAL AVERAGE AMOUNT

INCHES 1931-1960

APPROX. METRIC EQUIVALENTS

in.	mm.
30	750
35	875
40	1000
45	1125
50	1250
55	1375
60	1500
70	1750
80	2000
90	2250
100	2500

200 500 1,000 1,500 ft.

5 miles 0 5 10

Scale 1:625,000 with Irish Grid

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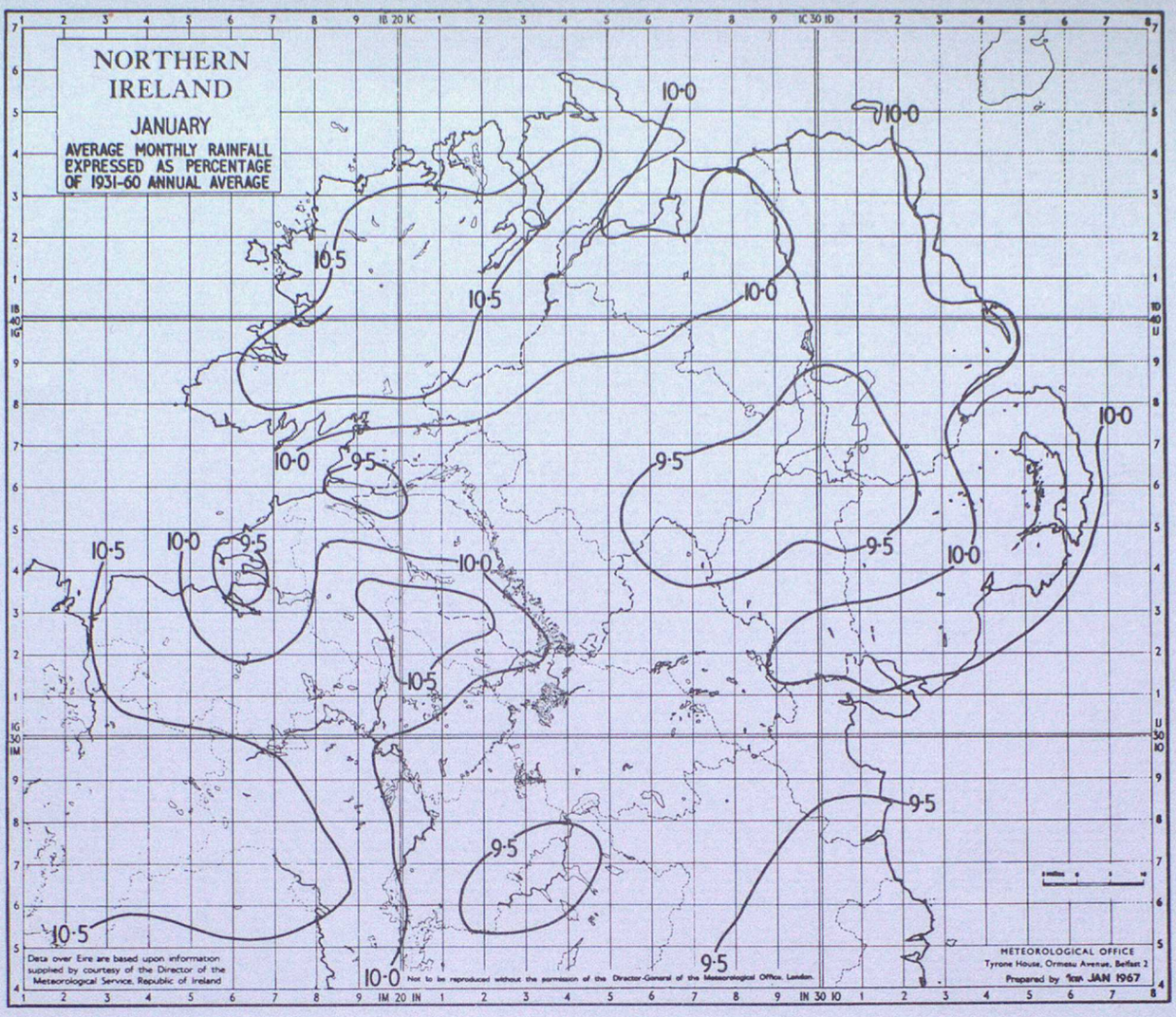
NORTHERN IRELAND
JANUARY
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
10·0
10·5
9·5
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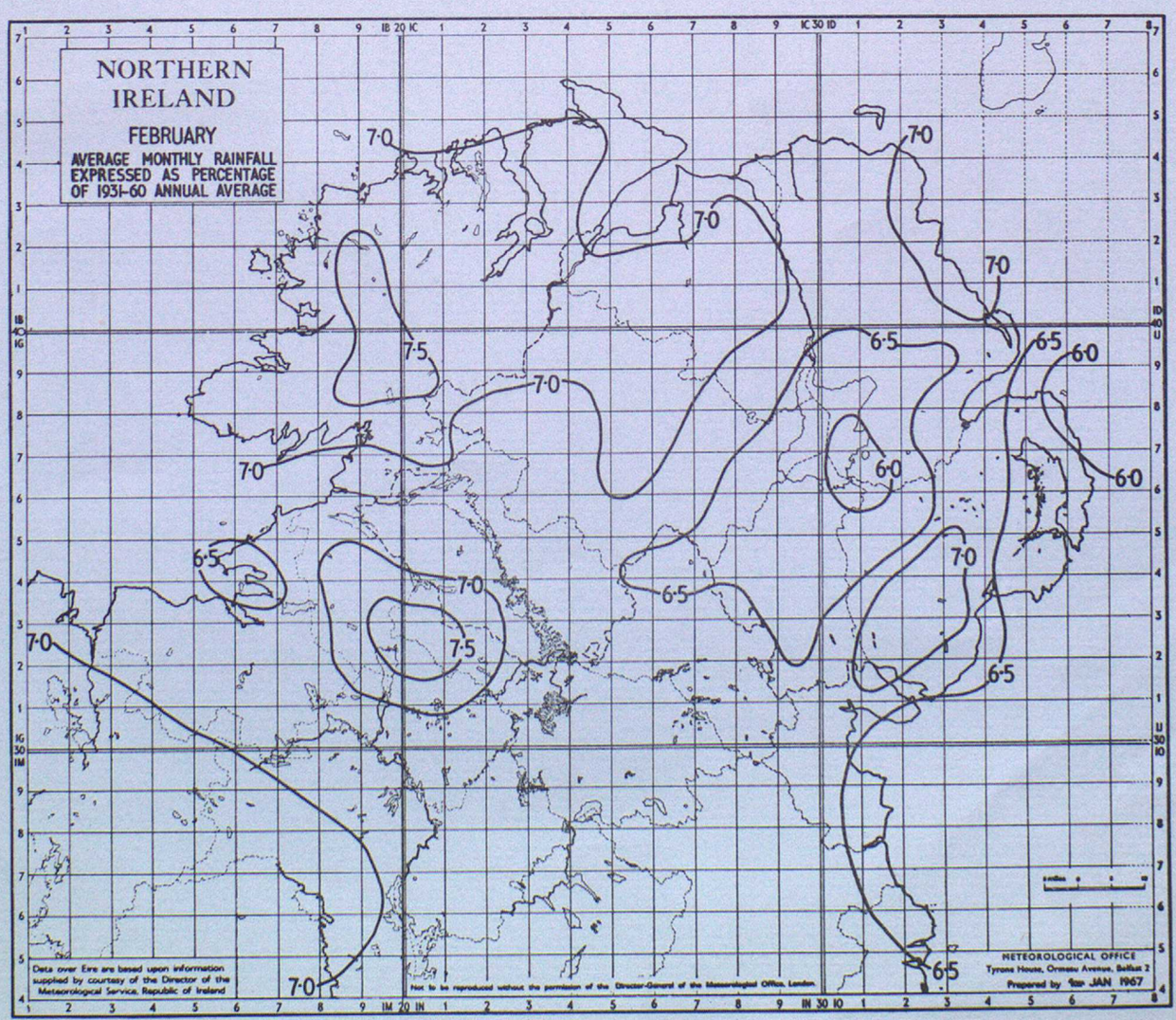
NORTHERN IRELAND
FEBRUARY
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
7·0
7·5
6·5
6·0
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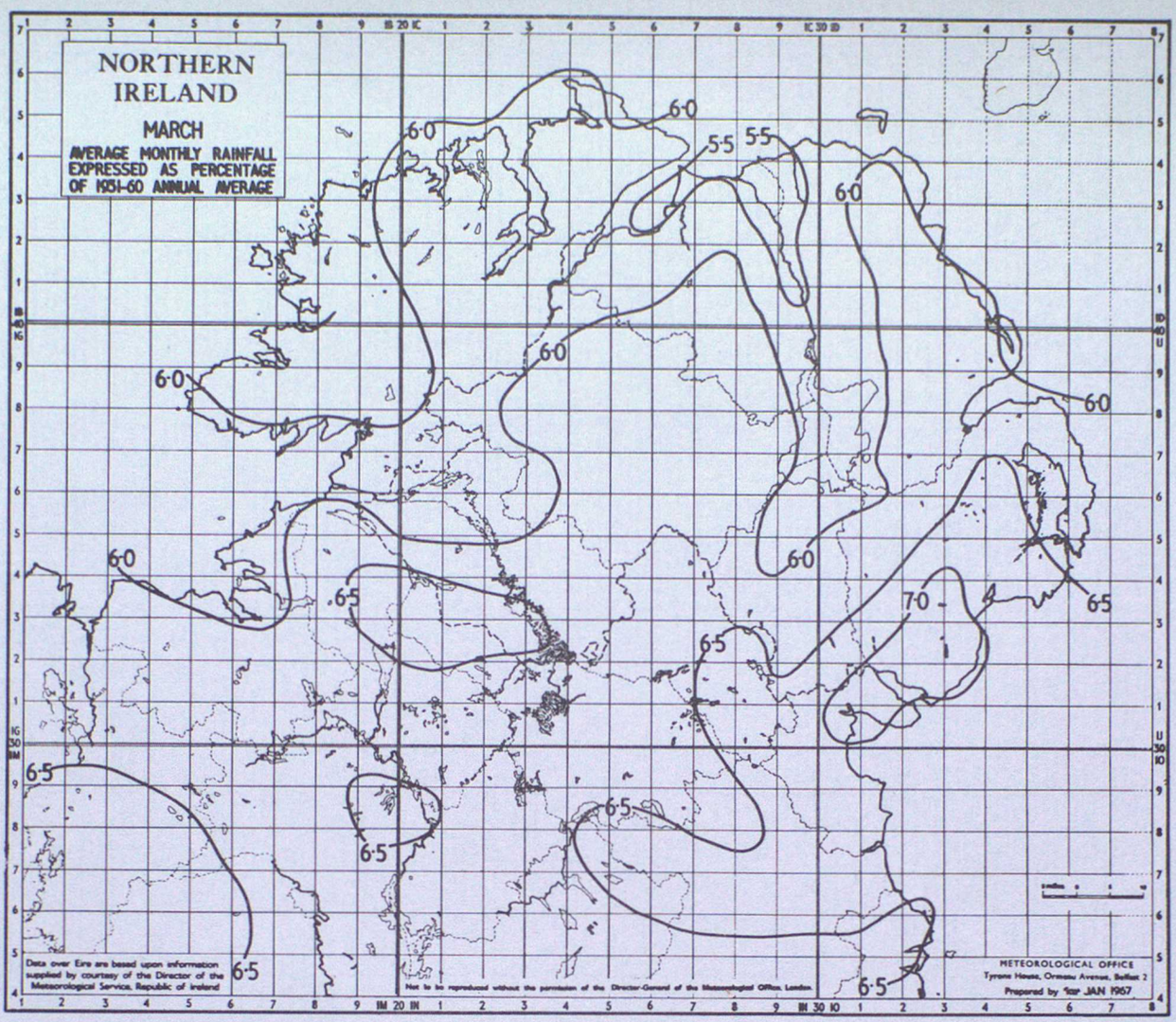
NORTHERN IRELAND
MARCH
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
6·0
5·5
6·5
7·0
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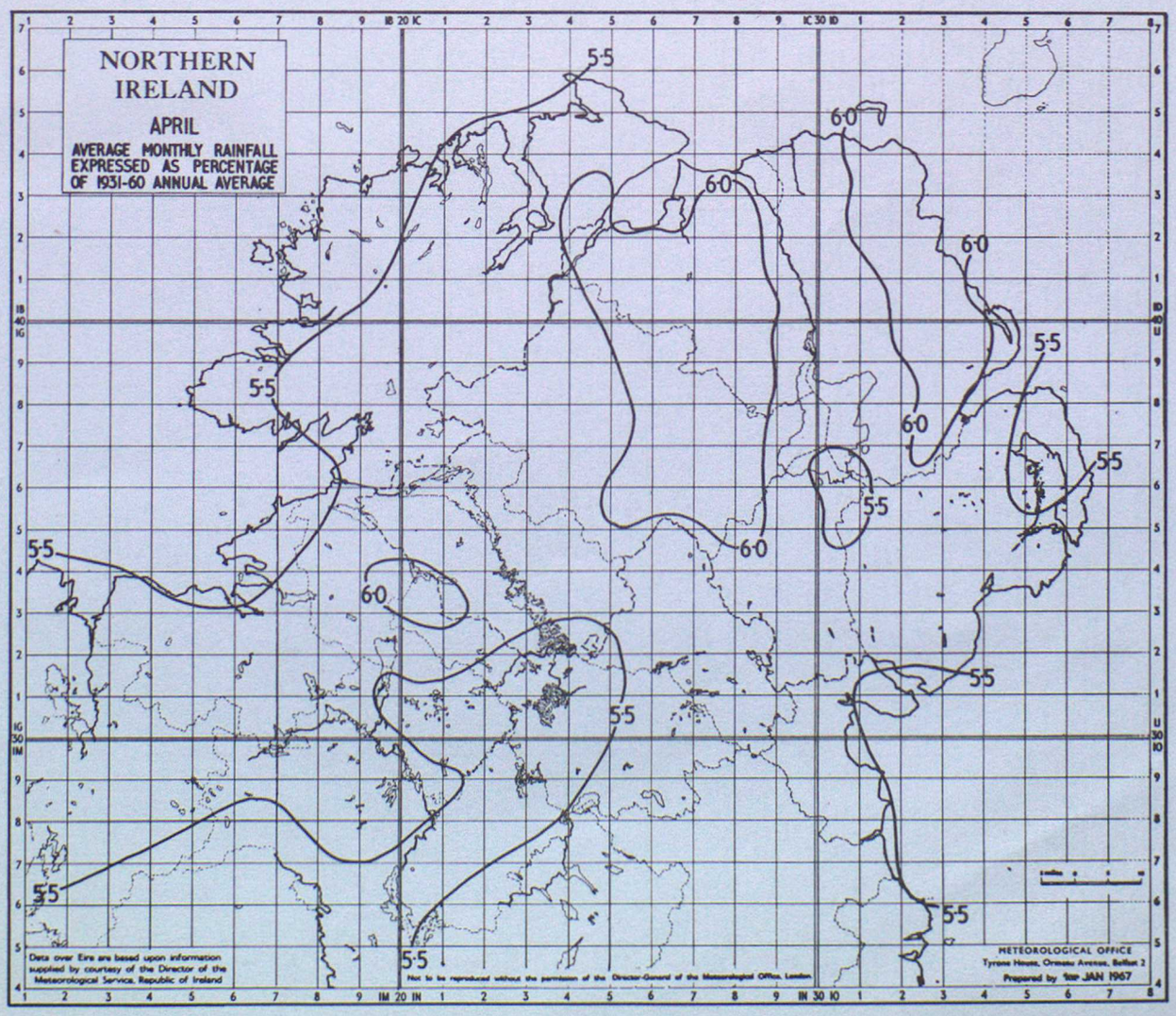
METEOROLOGICAL OFFICE
Tyrone House, Ormeau Avenue, Belfast 2
Prepared by 1st JAN 1967


NORTHERN IRELAND
APRIL
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
5·5
6·0
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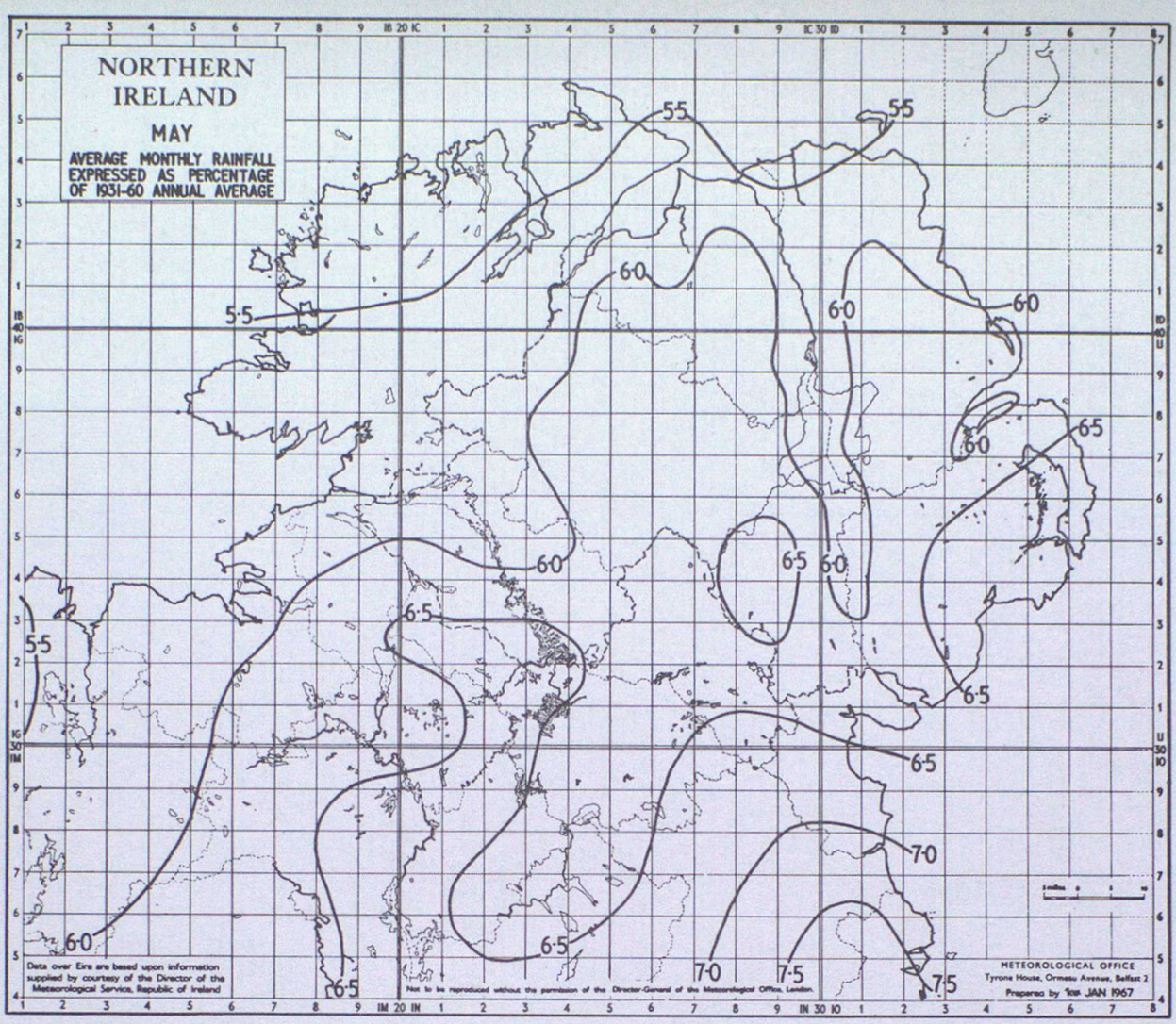
METEOROLOGICAL OFFICE
Tyrone House, Ormeau Avenue, Belfast 2
Prepared by 1st JAN 1967


NORTHERN IRELAND
MAY
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
5·5
6·0
6·5
7·0
7·5
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METEOROLOGICAL OFFICE
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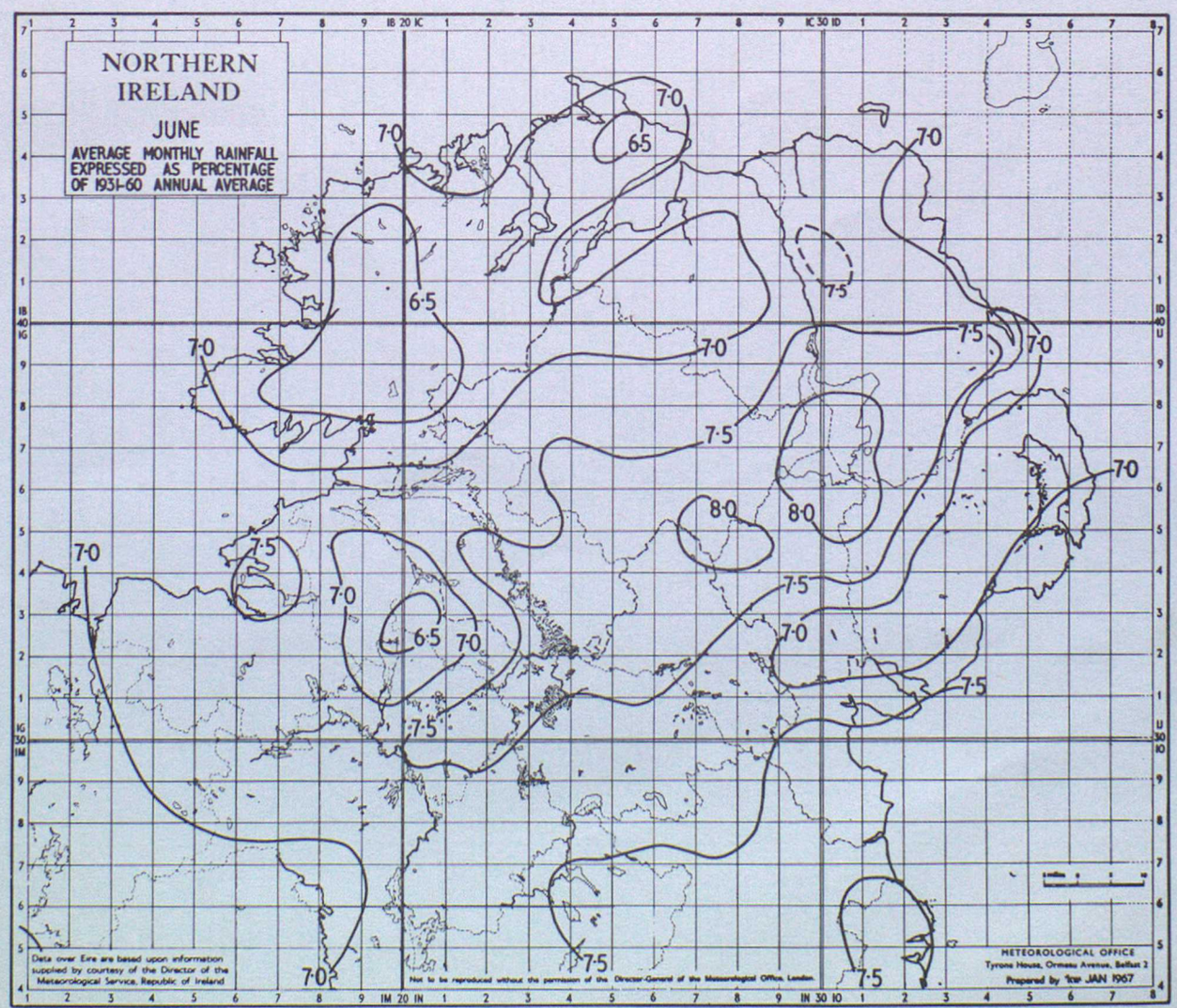
Prepared by 1st JAN 1967


NORTHERN IRELAND
JUNE
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
6·5
7·0
7·5
8·0
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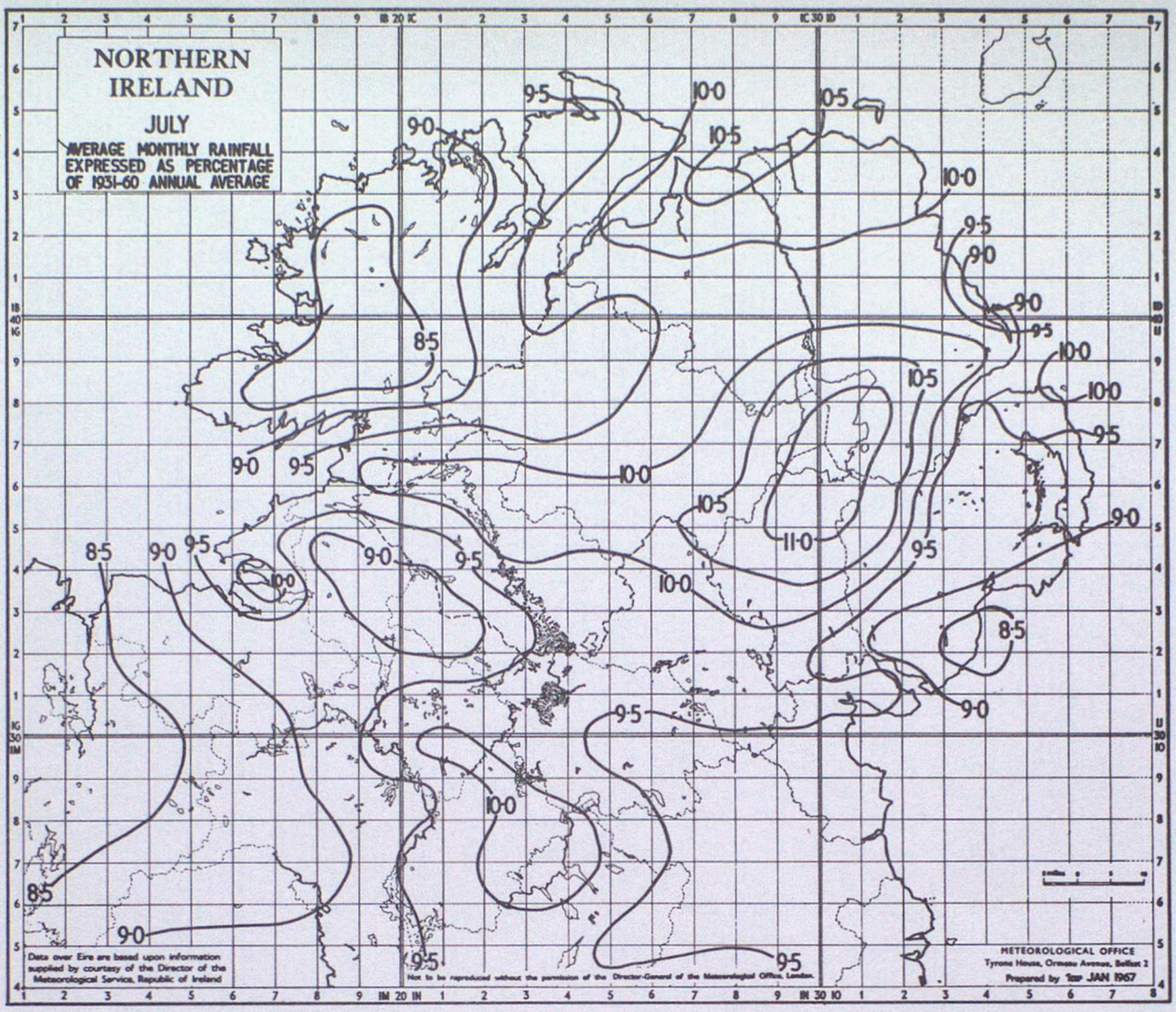
Prepared by 1st JAN 1967


NORTHERN IRELAND
JULY
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
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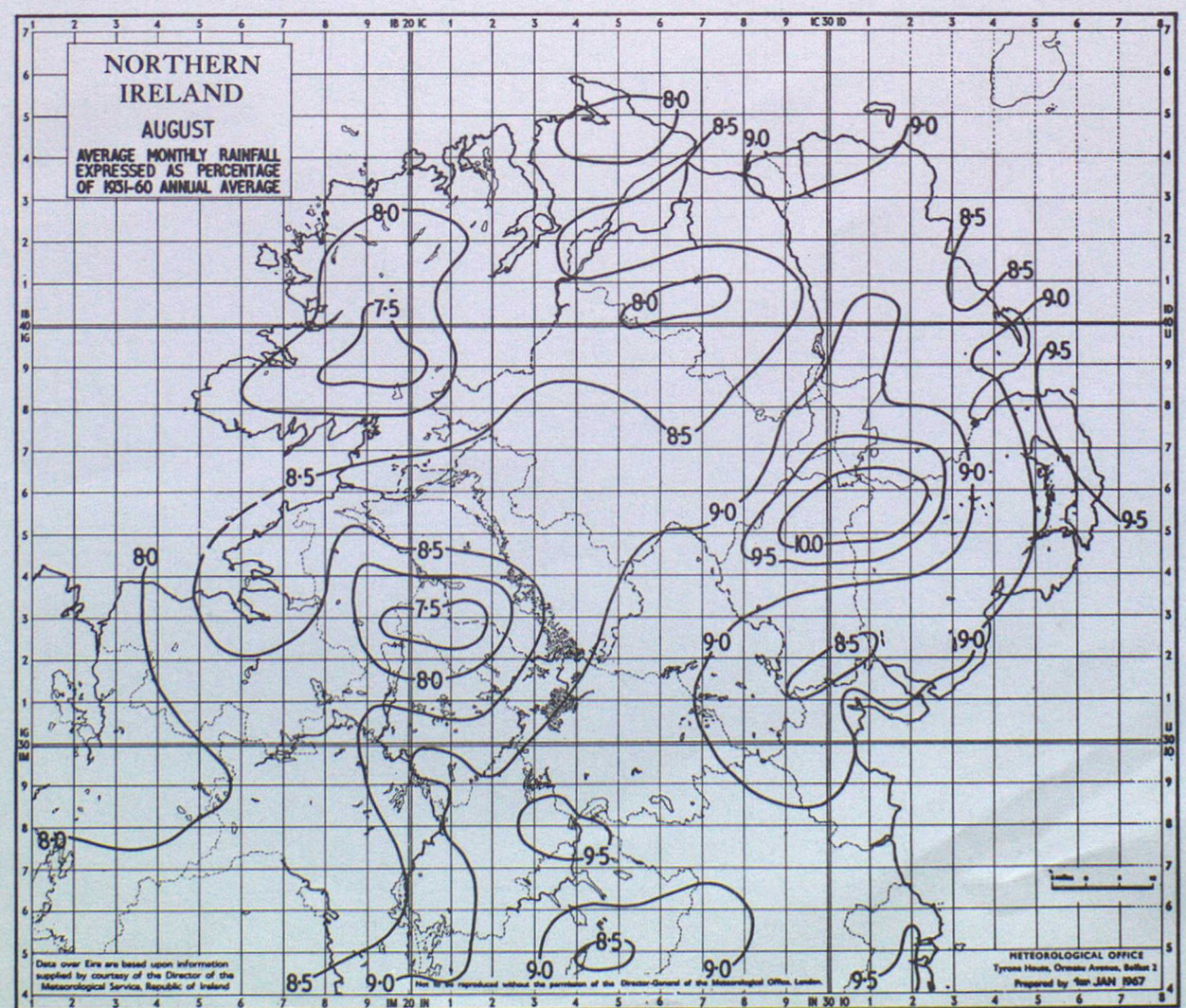
NORTHERN IRELAND
AUGUST
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
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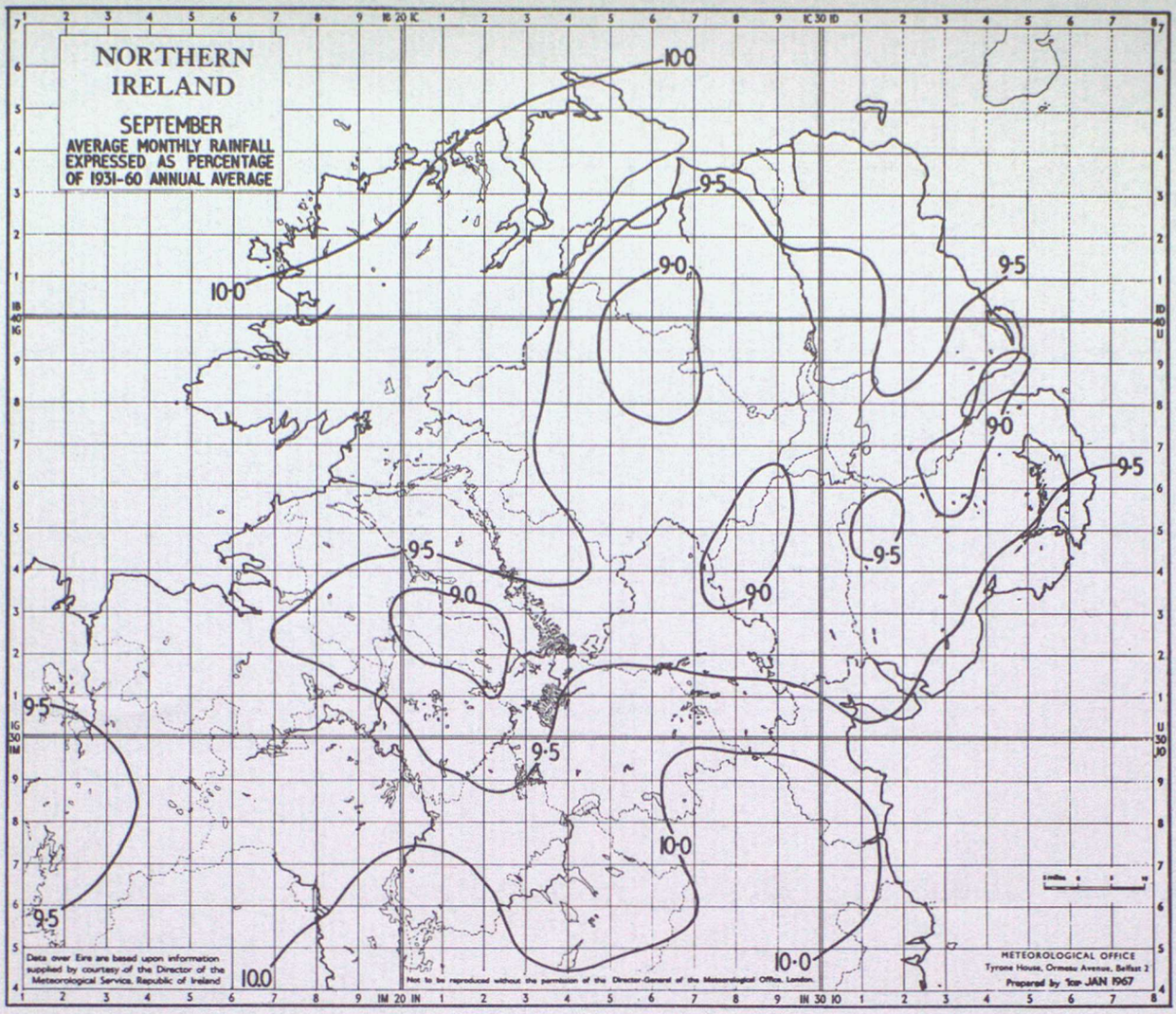
NORTHERN IRELAND
SEPTEMBER
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
10·0
9·5
9·0
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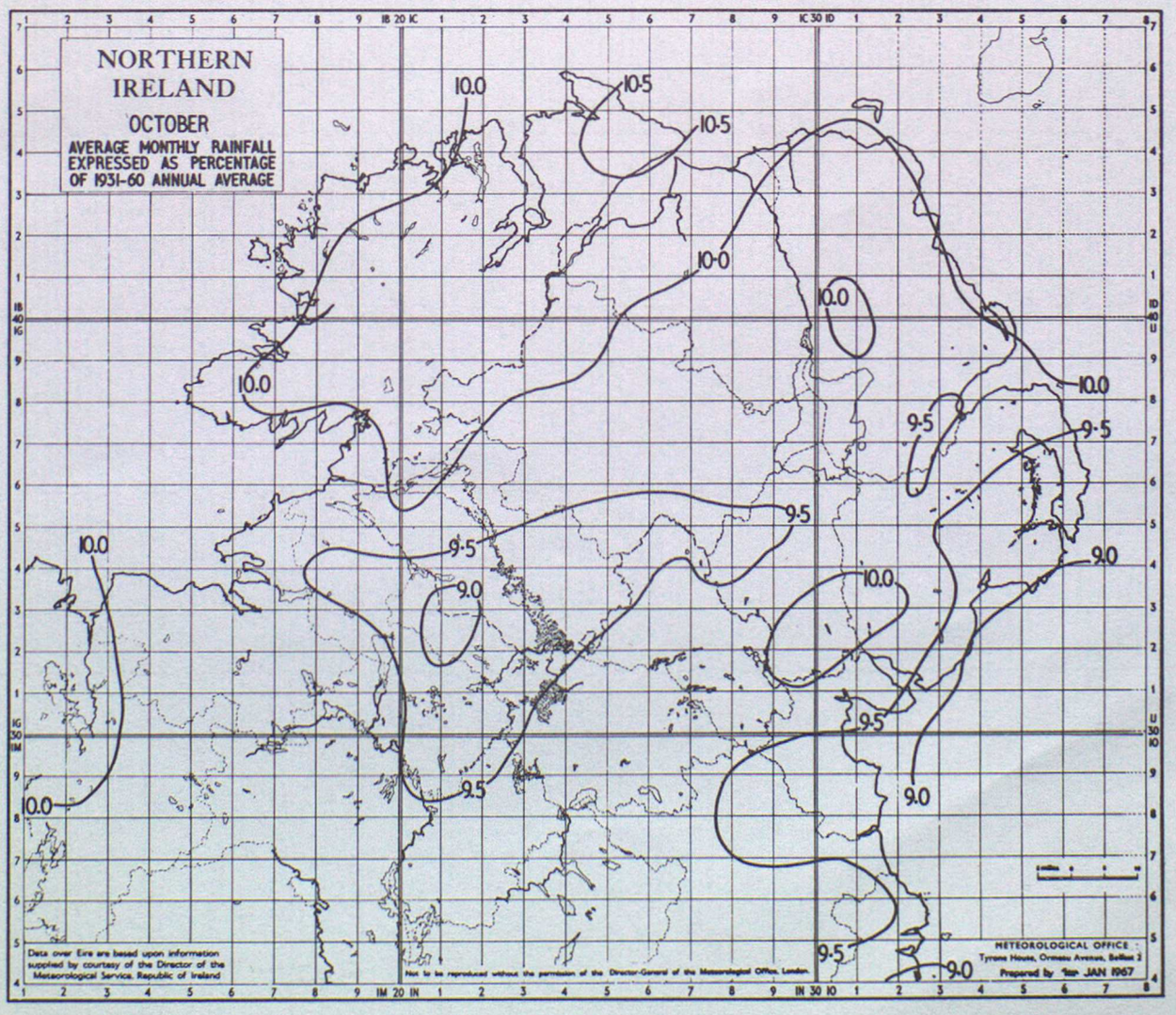
NORTHERN IRELAND
OCTOBER
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
10·5
10·0
9·5
9·0
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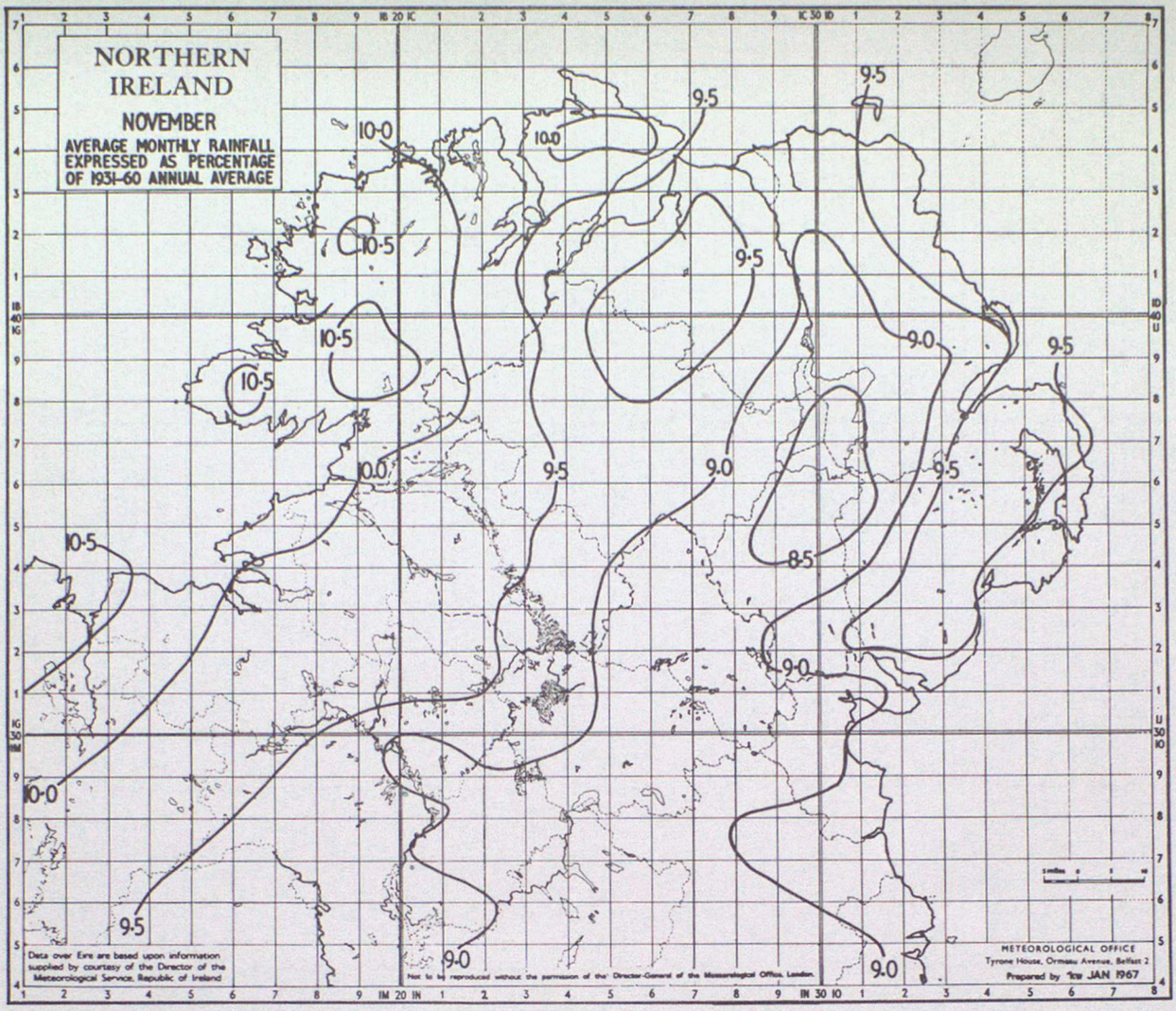
NORTHERN IRELAND
NOVEMBER
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
10·0
10·5
10·5
10·5
10·0
9·5
9·5
9·5
9·0
9·5
9·5
9·0
8·5
9·0
10·5
10·0
9·5
9·0
9·0
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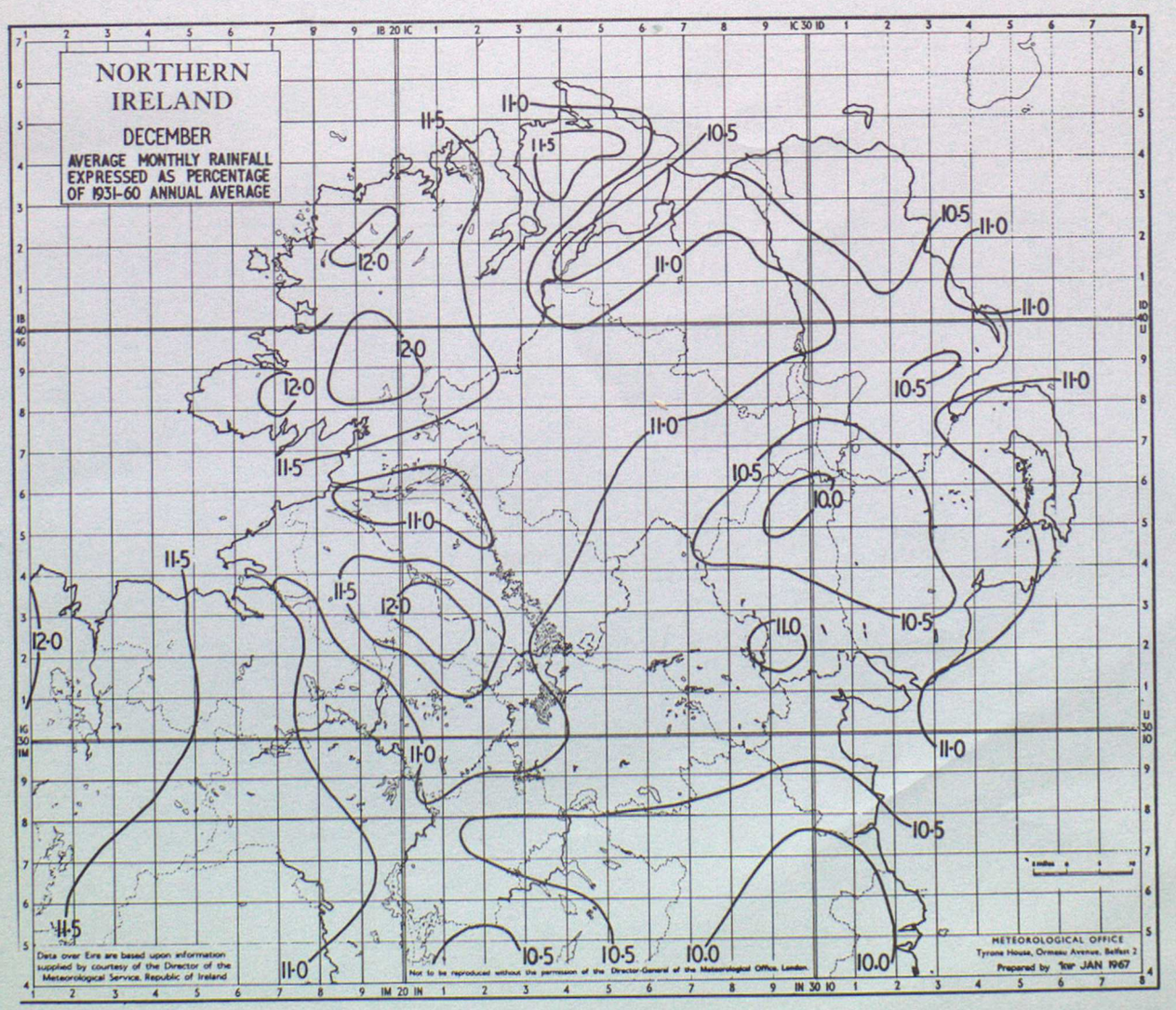
NORTHERN IRELAND
DECEMBER
AVERAGE MONTHLY RAINFALL EXPRESSED AS PERCENTAGE OF 1931-60 ANNUAL AVERAGE
11·5
11·0
11·5
10·5
10·5
11·0
12·0
11·0
11·0
12·0
12·0
10·5
11·0
11·5
11·0
10·5
10·0
11·5
11·5
12·0
11·0
12·0
10·5
11·0
11·0
10·5
11·5
10·5
10·5
10·0
10·0
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NORTHERN IRELAND

ANNUAL AVERAGE RAINFALL

WMO STANDARD PERIOD: 1931–60

SECOND EDITION

UTILISING ADDITIONAL ESTIMATED AVERAGES COMPUTED SINCE HYD. MEMO. No. 35

ISOHYETS AT 100-MILLIMETRE INTERVALS

METRIC

5 miles 0 5 10

Scale 1:625,000 with Irish Grid

MAIN REVISION AREAS

1-A WEST TYRONE
1-B WEST FERMANAGH
1-C NORTH SPERRINS
1-D BELFAST LOUGH
1-E COMBER-DNPATRICK
1-F SLIEVE GALLION

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hydrological memorandum No.35

MONTHLY AND ANNUAL AVERAGES OF RAINFALL FOR NORTHERN IRELAND WMO PERIOD 1931-1960

METEOROLOGICAL OFFICE BELFAST
JUNE 1967

AMENDMENT No.1

ALPHABETICAL INDEX OF STATIONS

Seskinore Forest iH(23) 490640 360 110 (Other entries unchanged)

/Position by Grid Reference re-assessed August 1967 and corrected: there has been no change of site./

TABLE 1.4

Footnote 1: last word to read "catchment"

Footnote 3: for "western" read "eastern"

MONTHLY MAP - Amount in inches JANUARY 1931-60

The 3.5 inch isohyet encircling Lough Neagh is incorrectly labelled as 4.5 in Grid Square iH(23) 90 90, near Lough Beg.

ISSUED AUGUST 1967

3 8078 0002 7060 5